

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications

The Florida College System



Florida Department of Education



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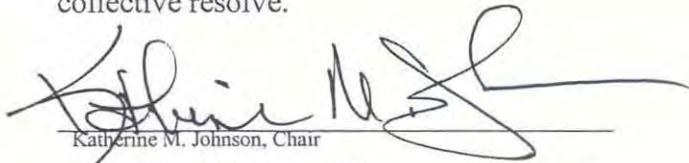
**A RESOLUTION
OF THE
FLORIDA COLLEGE SYSTEM
COUNCIL OF PRESIDENTS**

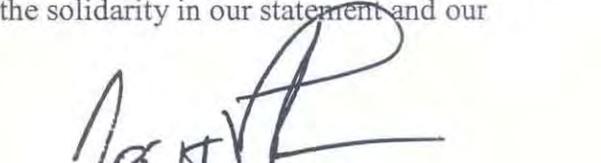
WHEREAS, the **Florida College System Council of Presidents** representing the 28 public postsecondary institutions within the Florida College System support the mission and goals of Florida's K-20 Education system: Highest Student Achievement; Seamless Articulation and Maximum Access; Skilled Workforce and Economic Development; and Quality Efficient Services;

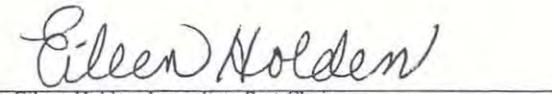
NOW THEREFORE, be it resolved that the **Florida College System Council of Presidents** endorses and supports the following guidelines which are in keeping with the Principles of Accreditation of the Southern Association of Colleges and Schools Commission on Colleges, to ensure consistency and full faith in the academic integrity of transferable coursework delivered by the Florida College System institutions.

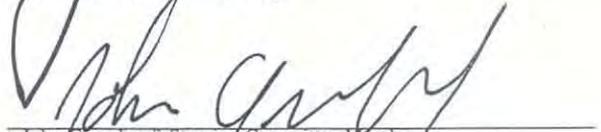
BE IT FURTHER RESOLVED that the **Florida College System Council of Presidents** pledges itself to the efforts of the statewide Council of Instructional Affairs, the Division of Florida Colleges, the Articulation Coordinating Committee and the State Board of Education to achieve the admirable goals represented herein that seek to facilitate student progression through the educational pipeline by clearly defining and recognizing common systemwide validation measures that maximize quality degree programs and minimize barriers to a postsecondary education and gainful employment.

In testimony whereof, the 28 members of the Florida College System Council of Presidents have hereunto subscribed their names to this document to affirm the solidarity in our statement and our collective resolve.

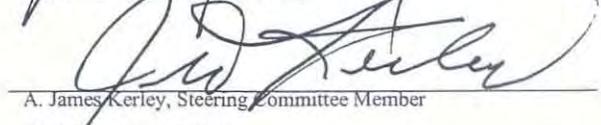

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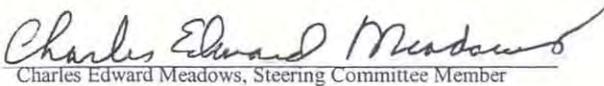

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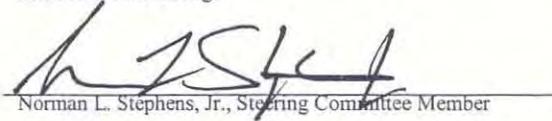

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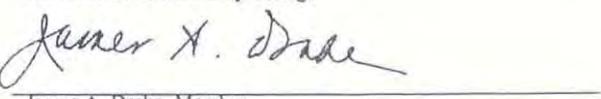

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Guidelines on Transfer Agreements and Faculty Credentials and Qualifications

Adopted by The Florida College System Council of Presidents: 11/18/2011, Revised 04/05/12

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Background

The Florida College System (FCS) is the primary higher education access point for Floridians. The 28 colleges that comprise the FCS maintain a primary mission of open-door access to the associate degree. The majority of the FCS degree-seeking students use it as a conduit to the State University System (SUS), completing their Associate in Arts (A.A.) degree and then transferring to a state university for a baccalaureate degree. In the early 2000's, the Florida Legislature authorized community colleges to deliver select baccalaureate degrees in an effort to meet the state's need for increasing the number of citizens with bachelor degrees.

FCS institutions are now offering targeted baccalaureate degrees that meet local, regional, and/or state workforce needs and demand. There are two baccalaureate degree types offered in the FCS: Bachelor of Science (B.S.) and Bachelor of Applied Science (B.A.S.). The B.S. degree is typically in nursing or teacher preparation programs while the B.A.S. degree is more applied and designed to include a capstone experience. Examples of common B.A.S. degree programs are supervision and management, technology management, and health science related fields.

The FCS's baccalaureate degree delivery system is based on a 2+2 structure whereby students complete an associate degree and then seek admission to the upper division. This 2+2 structure provides A.A. and Associate in Science (A.S.) degree students with opportunities for direct matriculation to upper division coursework with junior class status. Each baccalaureate degree has a designated *primary pathway* enabling students to complete the baccalaureate degree within the designated total degree hours. The *Common Prerequisite Manual* establishes the primary pathway and prerequisites.

The primary pathway for the B.S. degree may be the A.A. degree, as with teacher preparation programs, or the A.S. degree. The B.S. in Nursing is an example where the A.S. in Nursing is the primary pathway allowing students to complete the B.S. degree within the approved program length. The primary pathway designation does not preclude students who have completed alternative pathways from admission to a baccalaureate degree program; however, these students are likely to exceed the prescribed hours towards the degree in order to complete the requisite coursework. The A.A. and the A.S. are considered to be the FCS's 2+2 associate degree options intended for seamless transfer to the upper division and conform to all academic requirements foundational to the award of a bachelor degree per Florida statute and Southern Association of Colleges and Schools' Commission on Colleges (SACSCOC) Principles of Accreditation.

A.S. degrees are intended for transfer to aligned baccalaureate degrees. The general education component of the A.S. degree meets transfer level quality accreditation standards and all courses designated as general education must meet degree requirements in the subject area.

The Associate in Applied Science (A.A.S.) is a career-focused college credit-bearing degree intended for direct entry to the workforce. The primary intent is immediate employment in a specialized occupation. A student who completes an A.A.S. degree is not precluded from later admission to an A.S. or baccalaureate degree program and should be considered for transfer on the basis of existing articulation policies, including course numbering guarantees and statewide articulation agreements. Regardless of the degree, all programs are comprised of student learning outcomes that are above the level of basic skills and include validation mechanisms that ensure the college-level integrity of content and instruction.

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Florida's statewide articulation policies are multi-faceted, and the basic unit of transfer is at the course level. The Statewide Course Numbering System (SCNS) is established in s. 1007.24, F.S., and guarantees the transfer of course and credit from one institution to another, provided the receiving institution participates in the SCNS, as all public postsecondary institutions do, and offers the course. In addition to course transfer, state-level policies guarantee the transfer of the A.A. degree to a baccalaureate degree at a FCS institution and state university. The individual SACSCOC accredited institutions are responsible for ensuring the fidelity of the curriculum and the appropriate credentialing of faculty. This broad guarantee is a critical access point to a state university for many Florida citizens.

Florida statutes also encourage the development of statewide articulation agreements that facilitate student transition from one education level to the next. As such, statewide articulation agreements are developed through faculty engagement and result in a sequential linkage of competencies from one program to another leading to higher credentials. These "transfer agreements" are developed through a deliberate and inclusive process with engaged faculty, and result in an award of credit based on demonstration of comparable student learning outcomes.

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



TABLE OF CONTENTS

TRANSFER	4-9
Introduction	4
Definition of Transfer Agreement.....	4
Philosophy of Transfer Agreements	4-5
Relation to SACS Comprehensive Standard 3.4.4	5-6
Emphasis on Student Outcomes	6-7
Methods of Transfer Agreements	7-8
Secondary Career Pathways to Postsecondary Credit.....	7
Gold Standard Career Pathways	7-8
Postsecondary Adult Vocational (PSAV) to College Credit.....	8
Associate in Science (A.S.) to Baccalaureate	8
Implications for SACSCOC Assessment and Compliance	8-9
FACULTY CREDENTIALS AND QUALIFICATIONS GUIDELINES	9-57
Introduction	9
SACSCOC	9-11
Faculty Credential Guidelines.....	10
Resource Manual for Principles of Accreditation.....	11
General Academic Credential Guidelines	11-12
General Education	11
Career and Technical Education Programs	11-12
<i>Associate in Applied Science Degrees</i>	11-12
<i>Associate in Science Degrees</i>	12
<i>Baccalaureate Degrees</i>	12
Alternative Credentials	12-13
Guidelines for Evaluating Alternative Credentials	12-13
Professional Experience.....	13
Guidelines for Academic and Alternative Credentials for Career and Technical Associate Degree Programs	14-58

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



TRANSFER AGREEMENTS

Introduction

The Florida College System (FCS) has become a national leader in facilitating student transfer between institutions, in providing access for non-traditional students to postsecondary educational opportunity, and in allowing for student mobility between educational programs of both equivalent degree levels and of different degree levels. Year after year, the data collected by the National Center for Education Statistics through the Integrated Postsecondary Education Data Set completions survey reveal that Florida colleges as a system typically outperform two-year institutions from all other states, awarding far more degrees than all other state systems.

Historically, Florida has struggled in providing adequate opportunities for bachelor degree completion options, particularly in high-need workforce areas. Currently, Florida resides in the 45th to 47th position nationally in terms of adults with baccalaureate degrees. As the Florida population continues to grow, Florida colleges have also been asked and authorized by state government to extend their historical missions of providing access to opportunity and to advanced workforce training into baccalaureate programs. Faced with hundreds of thousands of working adults who hold a “workforce focused” Associate of Science (A.S.) degree and who need continuing access to baccalaureate education, the transferability of the A.S. degree has allowed students to continue their education, to improve their skills, and to progress in their chosen careers. All baccalaureate-granting Florida colleges and many state universities currently allow students to transfer credits from their A.S. degrees into the upper division. The transfer of academic coursework from the A.S. degree to the baccalaureate level is a crucial aspect of this access to educational opportunity.

Definition of Transfer Agreement: The guaranteed articulation and transfer of a group or set of courses between one degree program and another based upon statewide measures that ensure and validate an acceptable level of learning outcomes.

Philosophy of Transfer Agreements

Under the broad goal of improving articulation, Florida has instituted a variety of methods to facilitate student transfer of credit. A formal statewide articulation agreement establishes a discipline-based taxonomic structure at the state level for all public colleges and universities, and requires that a single system of prefixes and course numbers be used statewide. The articulation agreement also sets specific college readiness standards that govern the pathway for students to move from college preparatory to college level education.

The state also sets out certain guidelines that govern transfer agreements that guarantee the transfer of credit between institutions. A transfer agreement, for this purpose, is the

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



guaranteed articulation and transfer of a group or set of courses between one degree program and another that is the result of a rigorous process including faculty review of the courses and competencies. Perhaps the best example of a state-governed transfer agreement is the statewide transfer of general education between the two-year Associate in Arts (A.A.) degree offered at FCS institutions and baccalaureate programs offered in the FCS or State University System (SUS). Under this agreement, no matter what specific courses an institution identifies as general education requirements for its native students, all students transferring into that institution from another accredited Florida public postsecondary institution will be granted full recognition of completed general education at the receiving institution. That is to say, when a student completes the state mandated general education credits as part of an A.A. degree, the general education requirement is automatically satisfied at the baccalaureate level in all Florida public colleges and universities as well; **irrespective of any differences in the receiving institution's general education requirements, no further general education coursework is required.**

As the state has authorized many FCS institutions to offer baccalaureate programs, the state also recognizes additional transfer agreements from A.S. degrees into baccalaureate programs. These credits are components of professional or workforce-oriented programs and are grounded in research-based theory. The courses that comprise the A.S. degree have been determined by faculty discipline committees to be of sufficient complexity and rigor to be considered college-level and, as such, appropriate components of a baccalaureate degree.

Relation to SACS Comprehensive Standard 3.4.4

Within the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) comprehensive standards on academic programs, Core Requirement 3.4.4 allows for documentation of a process whereby institutions identify the policies that govern their acceptance of transfer credit, either through secondary or postsecondary pathways. Specifically, the requirement stipulates:

The institution publishes policies that include criteria for evaluating, awarding, and accepting credit for transfer, experiential learning, credit by examination, Advanced Placement, and professional certificates that is consistent with its mission and ensures that course work and learning outcomes are at the collegiate level and comparable to the institution's own degree programs. The institution assumes responsibility for the academic quality of any course work or credit recorded on the institution's transcript.

Clearly, statewide transfer agreements guaranteeing the articulation and transfer of credit are relevant to documenting compliance with this standard.

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



In Florida, the policies that regulate transfer of credits among institutions, as well as awards of credit for advanced placement and other examinations, are compiled and disseminated via the *Statewide Articulation Manual* (<http://www.fldoe.org/articulation/pdf/statewide-postsecondary-articulation-manual.pdf>), which FCS institutions incorporate into official policy by reference, either through academic catalogs or official policies or rules. The *Statewide Articulation Manual* provides statewide standards for awarding advanced placement credits, high school dual enrollment credit, transfer of credit between institutions, and related topics. Each course within an approved transfer agreement is individually noted on a receiving institution's transcript, as well as in catalog and other appropriate curriculum advisory material, with additional annotation further detailing the approved transaction.

The Florida Department of Education, through the Articulation Coordinating Committee (ACC), also facilitates statewide consistency among institutions that award credit for certain professional credentials, such as industry certifications, licenses, and certificates. The *Florida Gold Standard Career Pathways* agreement is a statewide agreement among Florida colleges whereby a standardized number of credits (associated with an introductory college-level course) is awarded to students who can document their attainment of recognized workplace certifications. *The rigorous process and methodology for approving career and technical education transfer agreements is detailed below.*

In addition, Comprehensive Standard 3.4.8 is relevant, requiring that an *institution awards academic credit for course work taken on a noncredit basis only when there is documentation that the non-credit course work is equivalent to a designated credit experience.* Here too, the primary focus is on equivalence of the course work, that is, of the outcomes, and not on the mode of instruction, the number of hours required, or the credentials of instructional staff.

Emphasis on Student Outcomes

Florida has made great strides in identifying college-level competencies associated with A.S. programs. Because these programs are always tied to specialized knowledge and skill competencies identified for successful practice in an industry, they typically reflect up-to-date best practices, and as such are grounded in the learning outcomes most needed for success in the workplace.

In Florida, A.S. degree curricula regularly include technical skills and theoretical knowledge as well as a required general education component. It is this combination of theory and practice that distinguishes the A.S. degree from the A.A. degree, with its traditional focus on the liberal arts and sciences. This valuable combination of knowledge and skills need not disqualify A.S. degree courses from transferability. Indeed, the competencies taught in the lower division at two-year colleges (in nursing, for example, or in certain information technology fields) often duplicate competencies taught at universities in the upper division. For example, many community colleges offer two-year A.S. degrees in nursing or digital

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



media and all the coursework is classified in the lower division. However, universities may offer very similar programs with comparable learning outcomes, albeit in upper-division courses. The learning outcomes associated with the two programs are virtually identical. Finally, it is not uncommon for universities to encourage their students to attend community colleges to obtain selected courses in various programs, including digital media, programming, AutoCAD, surveying, cardiovascular technology, and others.

The learning outcomes embedded in A.S. and related Associate of Applied Science (A.A.S.) degrees often embody similar technical knowledge and skill sets. However, A.S. degree curricula are designed to prepare an individual either for entry to the workforce or for transfer into a related baccalaureate program; A.A.S. degree curricula are intended to prepare students for entry into the workforce.

Methods of Transfer Agreements

The development of a transfer agreement takes place not informally but rather through formal processes and agreements. Typically, all such methods depend on an alignment of competencies, in which the specific skill and knowledge sets comprising the learning outcomes are assessed by the receiving institution's faculty. Under this arrangement, faculty meet regularly to discuss and determine competency alignment. Such meetings typically involve the academic personnel most knowledgeable about the competencies, including faculty, department chairs and directors, academic deans, secondary career and technical education (CTE) directors, and industry liaisons. Deans, department chairs, instructors, school district CTE personnel, career counselors, and secondary instructors are all typically involved.

Secondary Career Pathways to Postsecondary Credit

To determine competency alignment between secondary and postsecondary programs/courses, Florida Department of Education staff review the secondary curriculum frameworks, textbooks, additional materials and equipment used, and the knowledge and skills sets students acquire in the secondary program.

From this information, college administration and faculty determine to which courses and/or programs, if any, the secondary programs can be articulated, and identify what courses a student (having successfully completed a Career Pathways program) may receive upon high school graduation and college enrollment. For statewide adoption, recommendations are subject to approval by the cross-sector Articulation Coordinating Committee (ACC).

Gold Standard Career Pathways

A variety of national and state initiatives have recognized that non-traditional and traditional students gain a variety of skills in the workplace that are equivalent to the learning outcomes contained in selected college-level courses and programs. Among the challenges facing the award of credit for workplace skills is the absence of common metrics

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



or quality assurance mechanisms, which limits the portability and value of industry certifications, licenses, and other credentials to educators and institutions. However, in Florida the *Gold Standard Career Pathways* program has established a system whereby occupational education faculty and administrators from all 28 Florida colleges thoroughly vet industry certifications from the Perkins IV Gold Level Technical Skill Attainment list and map those outcomes onto specific statewide courses carrying college credit hours. For statewide adoption, recommendations are subject to approval by the cross-sector ACC. All institutions subsequently honor these recognized equivalencies.

Postsecondary Adult Vocational (PSAV) to College Credit

Faculty and academic administrators working in certain areas of career and technical education (CTE) throughout the country are familiar with “bridge programs” that allow students to convert certain course work taken in non-credit CTE programs into college credits. Articulation agreements allowing for vertical or lateral entry into nursing programs are extremely common, with institutions generally awarding credit to students whose non-credit training as paramedics or practical nurses duplicates entry-level learning outcomes. Such arrangements occur only after careful review of learning outcomes and student assessments by faculty in the receiving program, and often entail joint faculty work to ensure curriculum alignment. For statewide adoption, recommendations are subject to approval by the cross-sector ACC.

Associate in Science (A.S.) Degree to Baccalaureate Degree

While the Associate in Arts (A.A.)-to-baccalaureate pathway is almost a universally familiar means for students to transfer from two-year to four-year programs, the Associate in Science (A.S.) transfer pathway is somewhat less standardized. In Florida, it is becoming a routinely used pathway for students seeking to earn a baccalaureate degree within both the FCS and the SUS, particularly since the Legislature has specified that new baccalaureate programs in the FCS must address specific, well-documented unmet workforce needs in the state. In Florida, as in many states, the A.S. degree is a specialized two-year degree intended for students seeking professional employment that requires emphasis on specialized technical skills and knowledge. At the same time, because of the rigor associated with such specialized training, the A.S. degree is accepted by baccalaureate programs within both the FCS and SUS. Students completing A.S. degrees are required to complete fewer general education credits at the lower-division level (usually 15-18 credits, and up to 24), and therefore must take the balance of required general education courses after matriculating to the upper-division. However, the professional core of their A.S. degree (usually 45, but sometimes as many as 57 credits) also transfers to the upper-division. For students transferring to a baccalaureate degree closely related to their A.S. degree, the transition to the upper division is a seamless 2+2 pathway, whereby all lower division courses are accepted towards the baccalaureate degree.

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Implications for SACS Assessment and Compliance

The goal of a transfer agreement is to promote student mobility both vertically and horizontally within higher education programs. Such mobility is predicated on recognition of learning outcomes that provide for multiple entry and exit points within educational programs. Such outcomes-oriented approaches focus neither on Carnegie units of “seat time” nor on the specific academic credentials of faculty, but rather on rigorous evaluation and documentation of what students know and can do. Historically, the A.S. degree may have been considered solely a go-to-work degree, but that is no longer true.

The SACSCOC Principles of Accreditation continue to affirm that institutions can establish a variety of consortia agreements that further the mission of the institution (Comprehensive Standard 3.4.7). Typically, local consortia and partnerships have focused on agreements that facilitate a variety of articulation mechanisms contributing to student mobility and success. Collaboratively, and with ACC oversight, the FCS has taken measures to extend such consortia throughout the state. Statewide articulation is provided through the Statewide Course Numbering System (SCNS), common curriculum frameworks, and a variety of statewide articulation agreements providing for transfer of credits based on equivalency of learning outcomes. In practice, this arrangement has improved access to baccalaureate opportunities (especially for non-traditional students), and has contributed to vastly increased student completion rates statewide.

Florida colleges are prepared to provide documentation regarding consistent application of these measures. Such documentation focuses on student learning outcomes, faculty approval of both curricula and transfer practices, and statewide and national goals for student access, mobility, and success.

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



FACULTY CREDENTIALS AND QUALIFICATIONS GUIDELINES

Introduction

The FCS recognizes the importance of the accreditation standards established by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC), specifically those related to faculty credentials and qualifications.

Southern Association of Colleges and Schools Commission on Colleges Standards

Core Requirement 2.8 (Faculty)

The number of full-time faculty members is adequate to support the mission of the institution and to ensure the quality and integrity of its academic programs. Upon application for candidacy, an applicant institution demonstrates that it meets the comprehensive standard for faculty qualifications.

Comprehensive Standard 3.2.9 (Faculty/Staff Appointment)

The institution publishes policies regarding appointment, employment, and evaluation of all personnel.

Comprehensive Standard 3.5.4 (Terminal Degrees of Faculty)

At least 25 percent of the course hours in each major at the baccalaureate level are taught by faculty members holding an appropriate terminal degree—usually the earned doctorate or the equivalent of the terminal degree.

Comprehensive Standard 3.7.1 (Faculty Competence)

The institution employs competent faculty members qualified to accomplish the mission and goals of the institution. When determining acceptable qualifications of its faculty, an institution gives primary consideration to the highest earned degree in the discipline. The institution also considers competence, effectiveness, and capacity, including, as appropriate, undergraduate and graduate degrees, related work experiences in the field, professional licensure and certifications, honors and awards, continuous documented excellence in teaching, or other demonstrated competencies and achievements that contribute to effective teaching and student learning outcomes. For all cases, the institution is responsible for justifying and documenting the qualifications of its faculty.

Faculty Credentials Guidelines

Institutions in the FCS should use the following credential guidelines when justifying and documenting the qualifications of faculty except when using alternative credentialing:

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



- a. Faculty teaching general education courses at the undergraduate level: doctorate or master degree in the teaching discipline or master degree with a concentration in the teaching discipline (a minimum of 18 graduate semester hours in the teaching discipline).*
- b. Faculty teaching associate degree courses designed for transfer to a baccalaureate degree: doctorate or master degree in the teaching discipline or master degree with a concentration in the teaching discipline (a minimum of 18 graduate semester hours in the teaching discipline).*
- c. Faculty teaching associate degree courses not designed for transfer to the baccalaureate degree: Bachelor degree in the teaching discipline, or associate degree and demonstrated competencies in the teaching discipline.*
- d. Faculty teaching baccalaureate courses: doctorate or master degree in the teaching discipline or master degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).*

Resource Manual for the Principles of Accreditation: Foundation for Quality Enhancement - Rationale and Notes

The SACSCOC *Comprehensive Standard 3.7.1* asserts the fundamental principle that qualified, effective faculty members are essential to carrying out the goals of the mission of the institution and ensuring the quality and integrity of the academic programs of the institution. The emphasis is on overall qualifications rather than simply academic credentials and while academic credentials are primary and in most cases will be the standard qualification for faculty members, other types of qualifications may prove to be appropriate. It is also important to note that the institution is responsible for the documentation and justification of qualifications for each member of its faculty.

The FCS embraces the preceding rationale provided by SACSCOC and encourages its institutions to adopt the primary qualifications and outline the process for approving individuals to teach courses based on alternative credentials and qualifications.

General Academic Credential Guidelines

FCS institutions are committed to maintaining full SACSCOC accreditation compliance in the hiring of all faculty. Each course in every discipline requires relevant experience and expertise in order to support and elicit the student learning outcomes that exist for each course or program in the college curriculum. Such credentials may include a degree in the field associated with the course or program or alternative credentials that result in the same learning outcome.

General Education in Florida

Each faculty member teaching college credit courses as part of the general education requirements towards an associate degree programs must have completed a master degree

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



in the teaching discipline or hold at least a master degree and completed at least 18 graduate semester hours in the teaching discipline.

Career and Technical Education (College Credit)

Associate in Applied Science Degrees

The primary qualification for faculty teaching in career and technical education programs is the bachelor degree in field. In select career and technical education programs, faculty also may be required to have a current professional license and/or certificate in the field of specialty.

In those select career and technical education programs where bachelor degrees are not available, the minimum credential will be an associate degree in the discipline or a related discipline, plus appropriate national accreditation, industry licensure, and/or certification.

Faculty with other directly related qualifications, such as work experience, industry licensure and/or certification, must be justified through the alternative credentialing process.

Associate in Science Degrees

The primary qualification for faculty teaching in career and technical education programs is the master degree in discipline or master and 18 hours in the field. In select career and technical education programs, faculty also may be required to have national accreditation, a current professional license, and/or certificate in the field of specialty.

In those select career and technical education programs where advanced degrees are not available, the minimum credential will be a bachelor degree in the discipline, coupled with industry licensure and/or certification, work experience, and other directly related qualifications.

Faculty with other qualifications must be justified through the alternative credentialing process.

Baccalaureate Degrees

The primary qualification for faculty teaching in baccalaureate programs is the master or doctorate degree in the discipline or master degree and 18 hours in the field. In select baccalaureate programs, faculty may also be required to have national accreditation, a current professional license, and/or certificate in the field of specialty.

Faculty with other qualifications must be justified through the alternative credentialing process.

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Alternative Credentials in Florida

Faculty members may have experience that clearly contributes to student learning outcomes and can be considered in lieu of formal academic preparation. In these cases, the applicant may present a portfolio that documents such experience. The institution also considers competence in the field, national accreditation, professional licensure, and/or certificates, honors and awards, continuous documented excellence in teaching, or other demonstrated competencies and achievements that contribute to effective teaching and student learning outcomes.

Guidelines for Evaluating Alternative Credentials

All faculty must meet the primary qualifications. Faculty who hold alternative credentials may be considered for appointment if:

- a. The faculty member has outstanding professional experience and demonstrated contributions to the teaching discipline, which may be presented in lieu of formal academic preparation.
- b. The faculty member has training in a closely related discipline and the competencies needed to teach the course objectives were covered in the related disciplines.

Each college shall have or will need to develop and establish its own process for evaluating alternative and experiential credentials.

Professional Experience

Documentation of professional experience may include a combination of factors, such as:

- a. Recognition in journals, online sources, or textbooks on the discipline
- b. Certification of participation in training
- c. Certification in field
- d. Professional presentations
- e. Professional registry
- f. Apprenticeships
- g. Honors and awards directly related to the discipline
- h. Appearance on programs reflecting work in the discipline
- i. Letters of support from past employers, colleagues, etc. on business stationery that speak directly to work in the discipline
- j. Evidence of continuous excellence in teaching
- k. Other discipline-related documentation that demonstrates third party recognition of the applicant's expertise in the field

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Guidelines for Academic and Alternative Credentials for Career and Technical Associate Degree Programs

Associate in Applied Science (Listed Alphabetically by Program Title)

DISCIPLINE: Architecture & Construction	
Program	Air Conditioning, Refrigeration and Heating Systems
Classification of Instructional Programs (CIP)	00615050100
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in HVAC and Refrigeration plus EPA certification
Suggested Alternative Credentials	Associate degree in HVAC and Refrigeration plus EPA certification plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	BCN, ACR

DISCIPLINE: Transportation, Distribution & Logistics	
Program	Automotive Service Technology
Classification of Instructional Programs (CIP)	00615080300
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Automotive OR Bachelor degree plus Associate degree in Automotive plus ASE certification
Suggested Alternative Credentials	Associate degree in Automotive plus ASE certification plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	AER

DISCIPLINE: Architecture & Construction	
Program	Carpentry Management
Classification of Instructional Programs (CIP)	00646020106
Primary Qualifying Credential (if different from highest credential in field)	Associate in Science degree plus Journeyman license plus 5 years work experience in field
Suggested Alternative Credentials	Associate in Applied Science degree plus Journeyman license plus 7 years work experience in field

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Statewide Course Numbering System Prefix(es)	BCN, BCT
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DISCIPLINE: Architecture & Construction	
Program	Construction Electricity Management
Classification of Instructional Programs (CIP)	00646030205
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree plus electrician license
Suggested Alternative Credentials	Associate degree plus electrician license plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	BCN, BCT, CET, EST

DISCIPLINE: Transportation, Distribution & Logistics	
Program	Dealer Specific Automotive Technology
Classification of Instructional Programs (CIP)	00647060407
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Automotive OR Bachelor degree plus Associate degree in Automotive plus ASE certification
Suggested Alternative Credentials	Associate degree in Automotive plus ASE certification plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	AER

DISCIPLINE: Health Science	
Program	Dental Lab Technology & Management
Classification of Instructional Programs (CIP)	00317010301
Primary Qualifying Credential (if different from highest credential in field)	Associate degree in Dental Lab Technology plus DLT licensure plus 2 years work experience in field
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	DTE

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



DISCIPLINE: Hospitality & Tourism	
Program	Diving Business & Technology
Classification of Instructional Programs (CIP)	00231030100
Primary Qualifying Credential (if different from highest credential in field)	Associate Degree in Diving Business & Technology plus appropriate certification plus 5 years work experience in field
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Energy	
Program	Electrical Distribution Technology
Classification of Instructional Programs (CIP)	00615030201
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Electrical Engineering Technology or Electrical Engineering
Suggested Alternative Credentials	Associate degree in Electrical Engineering Technology or Electrical Engineering plus 2 years work experience in field plus Journeyman's licensure
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Agriculture, Food & Natural Resources	
Program	Forest Technology
Classification of Instructional Programs (CIP)	00103050600
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Forestry/Forest Technology
Suggested Alternative Credentials	Associate degree in Forestry/Forest Technology plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Agriculture, Food & Natural Resources	
Program	Zoo Animal Technology
Classification of Instructional Programs (CIP)	00102029900
Primary Qualifying Credential	Bachelor degree in Science

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



(if different from highest credential in field)	
Suggested Alternative Credentials	Associate degree plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Associate in Science (Listed Alphabetically by Program Title)

DISCIPLINE: Business Management & Administration	
Program	Accounting Technology
Classification of Instructional Programs (CIP)	01507010100
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Accounting OR Master degree with at least 18 graduate semester hours in Accounting
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	ACG, APA, TAX

DISCIPLINE: Manufacturing	
Program	Aerospace Technology
Classification of Instructional Programs (CIP)	01615080100
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Aerospace OR Master degree with at least 18 graduate semester hours in Aerospace
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Agriculture, Food & Natural Resources	
Program	Agribusiness Management
Classification of Instructional Programs (CIP)	01101010100
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Agriculture OR Master degree with at least 18 graduate semester hours in Agriculture
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Agriculture, Food & Natural Resources	
Program	Agriculture Production Technology
Classification of Instructional Programs (CIP)	01102010100
Primary Qualifying Credential	Master degree in Agriculture OR Master

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



(if different from highest credential in field)	degree with at least 18 graduate semester hours in Agriculture
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Agriculture, Food & Natural Resources

Program	Aquaculture Management
Classification of Instructional Programs (CIP)	01101030301
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Biology or Agriculture plus demonstrated competency in aquaculture related field OR Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields or a related field: Biology Marine Biology Veterinary Science Zoology
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Architecture & Construction

Program	Architecture Design/Construction Technology
Classification of Instructional Programs (CIP)	01615010100
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Architecture OR Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields or a related field: Architecture Building Construction Civil Engineering
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	BCN, ETD, GEO, GIS

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



DISCIPLINE: Transportation, Distribution & Logistics	
Program	Aviation Administration
Classification of Instructional Programs (CIP)	01649010402
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Aviation plus FAA license
Suggested Alternative Credentials	Associate degree in Aviation plus 2 years work experience in field plus FAA license
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Transportation, Distribution & Logistics	
Program	Aviation Maintenance Management
Classification of Instructional Programs (CIP)	01649010401
Primary Qualifying Credential (if different from highest credential in field)	Prefix: AMT = Bachelor degree in Aviation Maintenance plus FAA license (Airframe & Powerplant) Prefix: AVM = Master with 18 graduate hours in field Prefix ASC = Master with 18 graduate hours in field
Suggested Alternative Credentials	Prefix: AMT = Bachelor degree plus FAA license plus 3 years work experience in field OR Associate degree plus FAA License (Airframe & Power Plant) plus 5 years work experience in field Prefix: AVM and ASC = Bachelor in Field plus 5 years work experience in field Associate in Science degree in an unrelated degree plus FAA airframe and powerplant license plus 5 years work experience in field
Statewide Course Numbering System Prefix(es)	AMT, AVM, ASC

DISCIPLINE: Transportation, Distribution & Logistics	
Program	Aviation Operations
Classification of Instructional Programs	01649010400

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



(CIP)	
Primary Qualifying Credential (if different from highest credential in field)	Prefix: ASC & AVM = Master degree in Aviation or Master degree with at least 18 graduate semester hours in Aviation Prefix: ATT (Air Traffic Controller) = Bachelor degree plus FAA license (Air Traffic Control plus 2 years work experience in field
Suggested Alternative Credentials	Prefix: ASC & AVM = Bachelor degree in field plus 5 years work experience in field Prefix: ATT (Air Traffic Controller) = Associate degree plus FAA license (Air Traffic Control) plus 5 years work experience in field Bachelor degree in Aviation Operations plus 5 years work experience in field
Statewide Course Numbering System Prefix(es)	ASC, ATT, AVM

DISCIPLINE: Hospitality & Tourism	
Program	Baking & Pastry Management
Classification of Instructional Programs (CIP)	01620040201
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Hospitality Management, Baking, Pastry Arts, or Baker/Pastry Chef
Suggested Alternative Credentials	Associate degree in Baking, Pastry Arts, or Baker/Pastry Chef plus 2 years work experience in field plus valid licensure (if applicable)
Statewide Course Numbering System Prefix(es)	

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



DISCIPLINE: Finance	
Program	Banking
Classification of Instructional Programs (CIP)	01207020100
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Finance or Banking OR Master degree with at least 18 graduate semester hours in Finance or Banking
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	BAN

DISCIPLINE: Manufacturing	
Program	Biomedical Equipment Engineer
Classification of Instructional Programs (CIP)	01615040101
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Engineering OR Master degree with at least 18 graduate semester hours in Engineering
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	CET, CTS, EET, EST

DISCIPLINE: Health Science	
Program	Biotechnology Laboratory Technology
Classification of Instructional Programs (CIP)	01326061600
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Biology, Biotechnology or Molecular Biology OR Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields or a related field: Molecular Biology Biochemistry Biomedical Engineering Microbiology (with a biotechnology emphasis) Zoology (with biotechnology emphasis) Botany (with a biotechnology emphasis)

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	BSC, CHM, MCB

DISCIPLINE: Architecture & Construction	
Program	Building Construction Technology
Classification of Instructional Programs (CIP)	01615100101
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Architecture, Civil Engineering, Surveying, Mechanical Engineering or related building construction technology field OR Master degree with at least 18 graduate semester hours in Architecture, Civil Engineering, Surveying, Mechanical Engineering or related building construction technology field
Suggested Alternative Credentials	Bachelor degree in Architecture, Civil Engineering, Surveying, Mechanical Engineering or related building construction technology field plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Business Management & Administration	
Program	Business Administration
Classification of Instructional Programs (CIP)	01506040102
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Business Administration or Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields or a related field: Accounting Business Business Administration Economics Finance Law Management Marketing

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	BUL, ADV, GEB, MAN, MAR, MKA, MNA, SBM

DISCIPLINE: Health Science	
Program	Cardiovascular Technology
Classification of Instructional Programs (CIP)	01317020100
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Cardiovascular Technology plus valid licensure (if applicable)
Suggested Alternative Credentials	Associate degree in Cardiovascular Technology plus 2 years work experience in field plus valid licensure (if applicable)
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Manufacturing	
Program	Chemical Technology
Classification of Instructional Programs (CIP)	01641030100
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Chemistry OR Master degree with at least 18 graduate semester hours in Chemistry
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Architecture & Construction	
Program	Civil Engineering Technology
Classification of Instructional Programs (CIP)	01715020101
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Civil Engineering OR Master degree with at least 18 graduate semester hours in Civil Engineering
Suggested Alternative Credentials	Master degree in Engineering plus license in Civil Engineering OR Master degree with at least 18 graduate semester hours in Engineering plus license in Civil Engineering
Statewide Course Numbering System Prefix(es)	

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



DISCIPLINE: Information Technology	
Program	Computer Engineering Technology
Classification of Instructional Programs (CIP)	01615040200
Primary Qualifying Credential (if different from highest credential in field)	Master degree in one of the following qualifying fields or a related field plus appropriate licensure and/or industry certification: <ul style="list-style-type: none"> Computer Information Technology Computer Information Systems Computer Programming Computer Science Computer Engineering
Suggested Alternative Credentials	Bachelor degree in any of the following qualifying fields or a related field plus appropriate professional certification (if applicable) plus 2 years work experience in field: <ul style="list-style-type: none"> Computer Information Technology Computer Information Systems Computer Programming Computer Science Computer Engineering
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Information Technology	
Program	Computer Information Administration
Classification of Instructional Programs (CIP)	01507030600
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Computer Science OR Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields or a related field: <ul style="list-style-type: none"> Computer Information Technology Computer Information Systems Computer Programming Computer Science Computer Engineering Educational/Instructional Technology Internet Services Networking Services MIS

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Suggested Alternative Credentials	Master degree in Computer Science, Database Technology, or Network Technology plus 2 years work experience in field plus professional industry certification (if applicable)
Statewide Course Numbering System Prefix(es)	CDA, CGS, CAP, CIS, CTS

DISCIPLINE: Manufacturing	
Program	Computer Integrated Manufacturing
Classification of Instructional Programs (CIP)	01615049901
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Manufacturing OR Master degree with at least 18 graduate semester hours in Manufacturing
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Information Technology	
Program	Computer Programming & Analysis
Classification of Instructional Programs (CIP)	01507030500
Primary Qualifying Credential (if different from highest credential in field)	Master degree in a qualifying field OR Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields or a related field: <ul style="list-style-type: none"> Computer Information Technology Computer Information Systems Computer Programming Computer Science Computer Engineering Internet Services Networking Services MIS
Suggested Alternative Credentials	Master degree plus industry certification in a programming language plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	COP

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



DISCIPLINE: Architecture & Construction	
Program	Construction Management Technology
Classification of Instructional Programs (CIP)	01646041200
Primary Qualifying Credential (if different from highest credential in field)	Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields or a related field: Architecture Architectural Studies Building Construction Civil Engineering
Suggested Alternative Credentials	Bachelor degree plus industry certification plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	BCN, BCT, TAR

DISCIPLINE: Business Management & Administration	
Program	Court Reporting Technology
Classification of Instructional Programs (CIP)	01507060201
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Court Reporting
Suggested Alternative Credentials	Associate degree in Court Reporting plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Law, Public Safety & Security	
Program	Crime Scene Technology
Classification of Instructional Programs (CIP)	01743010600
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Criminal Justice, Forensic Science or a related field OR Master degree with at least 18 graduate semester hours in Criminal Justice or a related field
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



DISCIPLINE: Law, Public Safety & Security	
Program	Criminal Justice Technology
Classification of Instructional Programs (CIP)	01743010300
Primary Qualifying Credential (if different from highest credential in field)	Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields or a related field OR juris doctorate degree: Criminal Justice Criminology Law Law Enforcement/Corrections Law Enforcement/Corrections related field Homeland Security Crime Scene/Forensics
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	CCJ, CJL, CJE, SCC

DISCIPLINE: Hospitality & Tourism	
Program	Culinary Management
Classification of Instructional Programs (CIP)	01620040100
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in any combination of the following qualifying fields or a related field: Culinary Arts Culinary Management Food/Nutrition Hospitality Management Restaurant/Catering Management
Suggested Alternative Credentials	Associate degree in Culinary Arts, Culinary Management, Food/Nutrition, Hospitality Management, Restaurant, or Catering Management plus 2 years work experience in field plus valid licensure (if applicable)
Statewide Course Numbering System Prefix(es)	FSS, HFS, FOS, HUN

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



DISCIPLINE: Marketing, Sales & Services	
Program	Customer Relationship Management
Classification of Instructional Programs (CIP)	01208999900
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Business Administration, Management, Organizational Behavior or Human Resources OR Master degree with at least 18 graduate semester hours in a variety of Business, Management and Supervision courses or a related field
Suggested Alternative Credentials	Bachelor degree in Human Relations plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Information Technology	
Program	Database Technology
Classification of Instructional Programs (CIP)	
Primary Qualifying Credential (if different from highest credential in field)	Master degree with at least 18 graduate semester hours in computer science, educational technology supported by computers, or any combination of the following qualifying fields or a related field: <ul style="list-style-type: none"> Computer Engineering Technology Computer Information Administrator Computer Programming Digital Media/Multimedia Technology Internet Services Technology Office Systems/Business Education Computer Engineering Network Administrator Education Supported by Computers Education Technology Supported by Computers
Suggested Alternative Credentials	Bachelor degree in Computer Systems Security, Computer Programming, Software Engineering, Computer Science, Database Technology, or Network Technology plus industry recognized certification plus 2 years work experience in field

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Statewide Course Numbering System Prefix(es)	
DISCIPLINE: Information Technology	
Program	Database/E-Commerce Security
Classification of Instructional Programs (CIP)	01506120106
Primary Qualifying Credential (if different from highest credential in field)	Master degree in computer science OR Master degree with 18 graduate semester hours in any combination of the following qualifying fields or a related field: <ul style="list-style-type: none"> Computer Information Technology Information systems Computer programming Computer science Internet services Computer engineering Networking services
Suggested Alternative Credentials	Bachelor degree in Computer Systems Security, Computer Programming, Software Engineering, Computer Science, Database Technology, or Network Technology plus industry recognized certification in cyber security plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Health Science	
Program	Dental Hygiene
Classification of Instructional Programs (CIP)	01317010200
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Dental Hygiene, Health Education, Health, Dentistry with current and valid Dental Hygiene state licensure
Suggested Alternative Credentials	Associate degree in Dental Hygiene, Health Education, Health, Dentistry with current and valid Dental Hygiene state licensure plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



DISCIPLINE: Health Science	
Program	Diagnostic Medical Sonography
Classification of Instructional Programs (CIP)	01317021200
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Diagnostic Medical Sonography plus ARDMS certification
Suggested Alternative Credentials	Associate degree in Diagnostic Medical Sonography plus ARDMS certification plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Hospitality & Tourism	
Program	Dietetic Technician
Classification of Instructional Programs (CIP)	01420040401
Primary Qualifying Credential (if different from highest credential in field)	<p>Master degree with at least 18 graduate semester hours in Nutrition OR Master degree and certification as Registered Dietitian.</p> <p>Clinical Supervision: Bachelor degree and certification as a Registered Dietetic Technician OR Bachelor degree in any combination of the following qualifying fields or a related field:</p> <ul style="list-style-type: none"> Food Service Management/Human Nutrition Nutrition Dietetics Public Health with certification in Nutrition
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Arts, A/V Technology & Communication	
Program	Digital/Multimedia Technology
Classification of Instructional Programs (CIP)	01610010202

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Primary Qualifying Credential (if different from highest credential in field)	Master degree in digital media, film, television/communications, studio art, graphic arts/design, animation, entertainment technology, or related electronic media field OR Master degree with 18 graduate semester hours in digital media, film, television/communications, studio art, graphic arts/design, animation, entertainment technology, or related electronic media field
Suggested Alternative Credentials	Bachelor degree in digital media, film, television/communications, studio art, graphic arts/design, animation, entertainment technology, or related electronic media field plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	DIG, GRA, RTV, TPA, COP

DISCIPLINE: Architecture & Construction	
Program	Drafting & Design Technology
Classification of Instructional Programs (CIP)	01615020200
Primary Qualifying Credential (if different from highest credential in field)	Master degree or Master degree plus 18 graduate semester hours in any of the following qualifying fields: Drafting Civil or mechanical engineering Industrial management Industrial arts
Suggested Alternative Credentials	Bachelor degree in any of the following qualifying fields plus 2 years work experience in field: Drafting Civil or mechanical engineering Industrial management
Statewide Course Numbering System Prefix(es)	

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



DISCIPLINE: Education & Training	
Program	Early Childhood Education A.D.
Classification of Instructional Programs (CIP)	01420020203
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Early Childhood Education/Child Development OR Master degree with at least 18 graduate semester hours in Early Childhood Education/Child Development
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	EDG, EEC, EEX, EME, CHD

DISCIPLINE: Education & Training	
Program	Early Childhood Management
Classification of Instructional Programs (CIP)	01420020300
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Education with experience in Early Childhood Education or a Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields: <ul style="list-style-type: none"> Early Childhood Education Early Education Pre-School Education Pre-Kindergarten Psychology (with emphasis in childhood development)
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	EDG, EEC, EEX, EME, CHD

DISCIPLINE: Energy	
Program	Electrical Power Technology
Classification of Instructional Programs (CIP)	01615030200
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Electrical Engineering OR Master degree with at least 18 graduate semester hours in Electrical Engineering
Suggested Alternative Credentials	
Statewide Course Numbering System	

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Prefix(es)	
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DISCIPLINE: Manufacturing	
Program	Electronics Engineering Technology
Classification of Instructional Programs (CIP)	01615030301
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Computer Engineering, Electrical Engineering or Electronic Engineering Technology or laser & optics fields or Master degree and 18 graduate semester hours in Computer Engineering, Engineering or Electronic Engineering Technology or laser & optics fields or a related field
Suggested Alternative Credentials	Bachelor degree in Computer Engineering, Electrical Engineering or Electronic Engineering Technology or laser & optics fields and 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Government & Public Administration	
Program	Emergency Administration and Management
Classification of Instructional Programs (CIP)	01744040102
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Criminal Justice, Fire Science, Public Administration, Emergency Management, Domestic/Homeland Security OR Master degree with at least 18 graduate semester hours in Criminal Justice, Fire Science, Public Administration, Emergency Management, Domestic/Homeland Security or a related field
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	DSC

DISCIPLINE: Health Science	
Program	Emergency Medical Services
Classification of Instructional Programs	01317020601

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



(CIP)	
Primary Qualifying Credential (if different from highest credential in field)	Associate degree and certification as paramedic OR licensed Registered Nurse plus 3 years work experience in field
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Manufacturing	
Program	Engineering Technology
Classification of Instructional Programs (CIP)	0161500001
Primary Qualifying Credential (if different from highest credential in field)	Master degree in one of the following qualifying fields OR Master degree with at least 18 graduate semester hours in one of the following qualifying fields or a related field: <ul style="list-style-type: none"> Chemical Engineering Civil Engineering Computer-Integrated-Manufacturing Electronics Engineering Engineering Engineering Technology Industrial Engineering Manufacturing Technology Mechanical Engineering
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	EET, ETI, ETM, EST

DISCIPLINE: Manufacturing	
Program	Electronics Engineering Technology
Classification of Instructional Programs (CIP)	01615030301
Primary Qualifying Credential (if different from highest credential in field)	Master degree in one of the following qualifying fields OR Master degree with at least 18 graduate semester hours in one of the following qualifying fields or a related field: <ul style="list-style-type: none"> Chemical Engineering Civil Engineering Computer-Integrated-Manufacturing

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



	<p>Electronics Engineering Engineering Engineering Technology Industrial Engineering Manufacturing Technology Mechanical Engineering</p>
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Agriculture, Food & Natural Resources	
Program	Environmental Science Technology
Classification of Instructional Programs (CIP)	01715059901
Primary Qualifying Credential (if different from highest credential in field)	<p>Master degree in one of the following qualifying fields OR Master degree with at least 18 graduate semester hours in one of the following qualifying fields or a related field:</p> <ul style="list-style-type: none"> Air/Water Quality Biology Civil/Environmental Engineering Environmental Science GIS/GPS Natural Resource Conservation/Management
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	EVR, ESC, BCN

DISCIPLINE: Agriculture, Food & Natural Resources	
Program	Equine Studies
Classification of Instructional Programs (CIP)	01101050700
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Equine Studies plus 3 years work experience in field
Suggested Alternative Credentials	Associate degree in Equine Studies plus 5 years work experience in field
Statewide Course Numbering System Prefix(es)	

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



DISCIPLINE: Marketing, Sales & Services	
Program	Fashion Marketing Management
Classification of Instructional Programs (CIP)	01206140110
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Business or Marketing OR Master degree with at least 18 graduate semester hours in Business or Marketing
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Arts, A/V Technology & Communication	
Program	Film Production Technology
Classification of Instructional Programs (CIP)	01610010200
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Film, Radio or Television Technologies
Suggested Alternative Credentials	Bachelor degree plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Finance	
Program	Financial Services
Classification of Instructional Programs (CIP)	01206030100
Primary Qualifying Credential (if different from highest credential in field)	Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields or a related field: Accounting Business Finance
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	FIN, RMI, REE

DISCIPLINE: Law, Public Safety & Security	
Program	Fire Science Technology
Classification of Instructional Programs (CIP)	01743020100

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Primary Qualifying Credential (if different from highest credential in field)	Associate degree and Instructor II or III certification from the Florida Bureau of Fire Standards and Training
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Health Science	
Program	Funeral Services
Classification of Instructional Programs (CIP)	01312030100
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in the teaching discipline OR Associate degree and demonstrated competencies in the teaching discipline plus certification
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Agriculture, Food & Natural Resources	
Program	Golf Course Operations
Classification of Instructional Programs (CIP)	01101060701
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Plant Science, Horticulture, Agronomy OR Master degree with at least 18 graduate semester hours in Plant Science, Horticulture, Agronomy or a related field
Suggested Alternative Credentials	Bachelor in Plant Science, Horticulture, Agronomy or similar plus 2 years experience as Golf Course Superintendent
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Arts, A/V Technology & Communication	
Program	Graphic Arts Technology
Classification of Instructional Programs (CIP)	01650040201

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Primary Qualifying Credential (if different from highest credential in field)	Master degree in Fine Arts, Visual Arts, Photography, Art, Design, Graphic Design, Computer Graphics, or Graphic Arts instructional/educational technology, visual arts/design OR Master degree with at least 18 graduate semester hours in Fine Arts, Visual Arts, Photography, Art, Design, Graphic Design, Computer Graphics, or Graphic Arts instructional/educational technology, visual arts/design or a related field
Suggested Alternative Credentials	Bachelor degree in Fine Arts, Visual Arts, Photography, Art, Design, Graphic Design, Computer Graphics, or Graphic Arts instructional/educational technology, visual arts/design plus 2 years work experience in field or graphic software certification
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Arts, A/V Technology & Communication

Program	Graphics Technology
Classification of Instructional Programs (CIP)	01650040200
Primary Qualifying Credential (if different from highest credential in field)	Master of Fine Arts in Graphic Design OR Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields or a related field: Graphic Design Digital Media New Media Design Multimedia Technology Photography Art Digital Imaging Illustration Animation Video
Suggested Alternative Credentials	Bachelor degree in Fine Arts, Visual Arts, Photography, Art, Design, Graphic Design, Computer Graphics, or Graphic Arts

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



	instructional/educational technology, visual arts/design plus 2 years work experience in field or graphic software certification
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Health Science	
Program	Health Information Management
Classification of Instructional Programs (CIP)	01317050600
Primary Qualifying Credential (if different from highest credential in field)	Master degree in field or a related field
Suggested Alternative Credentials	Bachelor degree in any combination of the following qualifying fields and American Health Information Management Association (AHIMA) certification as a Certified Coding Associate (CCA), Certified Coding Specialist (CCS), Certified Coding Specialist – Physician based (CCS-P), Certified in Health Care Privacy and Security (CHPS), Registered Health Information Administrator (RHIA) or Registered Health Information Technician (RHIT) plus 2 years work experience in field: <ul style="list-style-type: none"> Business Human Resource Management Health Information Management Nursing Health Science Health Administration
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Health Science	
Program	Health Services Management
Classification of Instructional Programs (CIP)	01318070100
Primary Qualifying Credential (if different from highest credential in field)	Master degree with at least 18 graduate semester hours in any combination of the qualifying fields or a related field plus National Registered Health Information Technician (RHIT) or Registered Health

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



	Information Administrator (RHIA): Health Information Management Nursing Health Services/Science Health Administration Pharmacy Pharmacology
Suggested Alternative Credentials	Bachelor degree in Health Services Administration or Health Services Management or closely related field plus 2 years work experience in field and certification
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Health Science

Program	Histologic Technology
Classification of Instructional Programs (CIP)	01317030800
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Clinical Lab or Medical Lab Sciences plus national certified in histotechnology or nationally certified as histotechnology education coordinator plus current Florida license as clinical supervisor plus 2 years work experience in field
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	MLT

DISCIPLINE: Hospitality & Tourism

Program	Hospitality & Tourism Management
Classification of Instructional Programs (CIP)	01206079900
Primary Qualifying Credential (if different from highest credential in field)	Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields or a related field: Food/Nutrition Business Hospitality Tourism
Suggested Alternative Credentials	Bachelor degree in any combination of the

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



	following qualifying fields plus 2 years work experience in field: Food/Nutrition Business Hospitality Tourism
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Human Services	
Program	Human Services
Classification of Instructional Programs (CIP)	01317040600
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Human Services or Social Work OR Master degree with at least 18 semester graduate hours in Human Services or Social Work
Suggested Alternative Credentials	Bachelor degree in Human Services or Social Work plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	HUS

DISCIPLINE: Manufacturing	
Program	Industrial Management Technology
Classification of Instructional Programs (CIP)	00606200101
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Business, Business Administration, Management, or Industrial Management or a related field
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	BCN, MAN, ACG, BUL, OST, MTE, ETI

DISCIPLINE: Education & Training	
Program	Instructional Services Technology
Classification of Instructional Programs (CIP)	01713129901
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Education OR Master degree with at least 18 graduate semester hours in Education
Suggested Alternative Credentials	

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Statewide Course Numbering System Prefix(es)	
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DISCIPLINE: Arts, A/V Technology & Communication	
Program	Interior Design Technology
Classification of Instructional Programs (CIP)	01404050100
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Interior Design or Architecture OR Master degree and 18 graduate semester hours in Interior Design or Architecture
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	IND

DISCIPLINE: Information Technology	
Program	Internet Services Technology
Classification of Instructional Programs (CIP)	01507039902
Primary Qualifying Credential (if different from highest credential in field)	Master degree in a qualifying field OR Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields or a related field: <ul style="list-style-type: none"> Computer Engineering Computer Information Technology Computer Information Systems Computer Programming Computer Science Computer Engineering Internet Services Networking Services Computer Engineering Technology Computer Information Administrator Computer Programming Digital Media/Multimedia Technology Internet Services Technology Office Systems/Business Education Computer Engineering Network Administrator Education Supported by Computers Education Technology Supported by Computers

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Information Technology	
Program	IT Project Management
Classification of Instructional Programs (CIP)	01506120107
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Computer Science, Information Technology, Computer Engineering, Computer Education, Educational Technology, Information Technology or Information Systems plus Professional Certification such as Microsoft User Specialist, Certified Internet Webmaster or a related field
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Agriculture, Food & Natural Resources	
Program	Landscape & Horticulture Technology
Classification of Instructional Programs (CIP)	01101060500
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Agriculture, Plant Science, Horticulture, Agronomy or Landscape Architecture OR Master degree with at least 18 graduate semester hours in Agriculture, Plant Science, Horticulture, Agronomy or Landscape Architecture or a related field
Suggested Alternative Credentials	Bachelor degree in Agriculture, Plant Science, Horticulture, Agronomy or Landscape Architecture or similar field plus 2 years work experience in landscape contracting or similar area of landscape or horticulture
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Manufacturing	
Program	Manufacturing Technology

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Classification of Instructional Programs (CIP)	01615060302
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Engineering Technology OR Master degree with 18 graduate semester hours in Engineering Technology
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	EET, EST, ETI, PMT

DISCIPLINE: Transportation, Distribution & Logistics

Program	Marine Engineering Management & Seamanship
Classification of Instructional Programs (CIP)	01615080400
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Marine Engineering Management and Seamanship plus 2 years work experience in field
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	MTE

DISCIPLINE: Agriculture, Food & Natural Resources

Program	Marine Environmental Technology
Classification of Instructional Programs (CIP)	01103030100
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Marine Biology, Marine Sciences, or Water, Wetlands and Marine Resource Management OR Master degree with at least 18 graduate semester hours in Marine Biology, Marine Sciences, or Water, Wetlands and Marine Resource Management
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Marketing, Sales & Services

Program	Marketing Management
Classification of Instructional Programs (CIP)	01206140100

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Primary Qualifying Credential (if different from highest credential in field)	Master degree in Marketing or Marketing Management OR Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields: Accounting Business Business Administration Economics Finance Management Marketing
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Health Science	
Program	Medical Laboratory Technology
Classification of Instructional Programs (CIP)	01317030900
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Clinical Lab, Medical Lab Sciences, or Biology plus current Florida license as a medical lab technologist plus 2 years work experience in field
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Health Science	
Program	Midwifery
Classification of Instructional Programs (CIP)	01318110300
Primary Qualifying Credential (if different from highest credential in field)	
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Arts, A/V Technology & Communication	
Program	Music Production Technology
Classification of Instructional Programs	01650099900

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



(CIP)	
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Music, Recording/Sound Technology OR Master degree with at least 18 graduate semester hours in Music, Recording/Sound Technology
Suggested Alternative Credentials	Bachelor degree in Music, Recording/Sound Technology plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Information Technology

Program	Network Administrator
Classification of Instructional Programs (CIP)	01507030401
Primary Qualifying Credential (if different from highest credential in field)	Master degree in any of the qualifying fields OR Master degree with 18 graduate semester hours in one of the following qualifying fields or a related field: <ul style="list-style-type: none"> Computer Information Technology Computer Information Systems Computer Programming Computer Science Computer Engineering
Suggested Alternative Credentials	Bachelor degree in any of the following qualifying fields plus industry certification plus 2 years work experience in field: <ul style="list-style-type: none"> Computer Information Technology Computer Information Systems Computer Programming Computer Science Computer Engineering
Statewide Course Numbering System Prefix(es)	CEN, CET

DISCIPLINE: Health Science

Program	Nuclear Medicine Technology
Classification of Instructional Programs (CIP)	01317020800
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Nuclear Medicine Technology or a related field plus 2 years

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



	work experience in field
Suggested Alternative Credentials	Associate degree in Nuclear Medicine Technology plus 5 years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Health Science	
Program	Nursing
Classification of Instructional Programs (CIP)	01318110100
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Nursing with current license and related clinical experience
Suggested Alternative Credentials	Bachelor degree in Nursing with current license and 2 years related clinical experience
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Health Science	
Program	Occupational Therapy Assistant
Classification of Instructional Programs (CIP)	01317080800
Primary Qualifying Credential (if different from highest credential in field)	Bachelor in Occupational Therapy
Suggested Alternative Credentials	Associate degree in Occupational Therapy Assistant with 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Business Management & Administration	
Program	Office Administration
Classification of Instructional Programs (CIP)	01507060300
Primary Qualifying Credential (if different from highest credential in field)	Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields or a related field: Business Education Business Management

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



	Management/Computer Information Systems Instructional/Education Technology Office Systems Technology
Suggested Alternative Credentials	Master degree plus related industry certification plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	OST

DISCIPLINE: Health Science	
Program	Ophthalmic Technician
Classification of Instructional Programs (CIP)	01317070101
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Ophthalmic Technician plus licensure plus 2 years work experience in field
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	OPT

DISCIPLINE: Health Science	
Program	Optical Management
Classification of Instructional Programs (CIP)	01317070502
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Opticianry or Optical Management and licensure as an Optician in the state of Florida
Suggested Alternative Credentials	Associate degree in Opticianry or Optical Management and licensure as an Optician in the state of Florida
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Health Science	
Program	Optician
Classification of Instructional Programs (CIP)	01317070100
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Opticianry or Optical Management and licensure as an Optician in

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



	the state of Florida
Suggested Alternative Credentials	Associate degree in Opticianry or Optical Management and licensure as an Optician in the state of Florida
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Law, Public Safety & Security

Program	Paralegal Studies (Legal Assistant)
Classification of Instructional Programs (CIP)	01722010300
Primary Qualifying Credential (if different from highest credential in field)	Juris Doctorate (JD) OR Master degree with 18 graduate semester hours in Legal Studies (Legal Assisting, Paralegal Studies, Law)
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	PLA

DISCIPLINE: Education & Training

Program	Parks & Leisure Service Technology
Classification of Instructional Programs (CIP)	01731010100
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Park, Recreation and Leisure Facilities Management OR Master degree with at least 18 graduate semester hours in Park, Recreation and Leisure Facilities
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Arts, A/V Technology & Communication

Program	Photographic Technology
Classification of Instructional Programs (CIP)	01610010300
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Fine Arts, Photography, Video Technology, Graphic Arts OR Master degree with at least 18 graduate semester hours in Fine Arts, Photography, Video Technology, Graphic Arts or a related field

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Health Science	
Program	Physical Therapist Assistant
Classification of Instructional Programs (CIP)	01317081500
Primary Qualifying Credential (if different from highest credential in field)	Master or Bachelor degree in Physical Therapy
Suggested Alternative Credentials	Associate degree in Physical Therapy Assisting plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Health Science	
Program	Physician Assisting
Classification of Instructional Programs (CIP)	01317050800
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Physician Assistant OR Master degree with at least 18 graduate semester hours in Physician Assistant
Suggested Alternative Credentials	Bachelor degree in Physician Assistant plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Architecture & Construction	
Program	Plumbing Management
Classification of Instructional Programs (CIP)	01646050304
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Engineering OR Master degree with at least 18 graduate semester hours in Engineering
Suggested Alternative Credentials	Bachelor degree plus license plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



DISCIPLINE: Transportation, Distribution & Logistics	
Program	Professional Pilot Technology
Classification of Instructional Programs (CIP)	01649010200
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Aviation plus current pilot license OR Master degree with at least 18 graduate semester hours in Aviation plus current pilot license
Suggested Alternative Credentials	Bachelor degree in Aviation plus a professional pilot license plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	ASC, ATF, ATT

DISCIPLINE: Health Science	
Program	Radiation Therapy
Classification of Instructional Programs (CIP)	01317020901
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Radiation Therapy plus current unrestricted Florida license plus national certification
Suggested Alternative Credentials	Associate degree in Radiation Therapy plus state license in Radiation Therapy plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	RAT, RTE

DISCIPLINE: Arts, A/V Technology & Communication	
Program	Radio/TV Broadcasting Programming
Classification of Instructional Programs (CIP)	01610010402
Primary Qualifying Credential (if different from highest credential in field)	Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields or a related field: Broadcasting Mass Communications with an emphasis on Radio/TV/Film Digital Communications Radio/Television Technologies
Suggested Alternative Credentials	
Statewide Course Numbering System	

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Prefix(es)	
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DISCIPLINE: Health Science	
Program	Radiography
Classification of Instructional Programs (CIP)	01317020900
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Radiography and current licensure and certification (American Registry of Radiologic Technologists)
Suggested Alternative Credentials	Associate degree in Radiography and current licensure and certification plus 2 years work experience in field (American Registry of Radiologic Technologists)
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Education & Training	
Program	Recreation Technology
Classification of Instructional Programs (CIP)	01736019901
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Sports and/or Recreation, Physical Education, Coaching, Exercise Physiology, Wellness/Fitness OR Master degree with at least 18 graduate semester hours in Sports and/or Recreation, Physical Education, Coaching, Exercise Physiology, Wellness/Fitness or a related field
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Health Science	
Program	Respiratory Care
Classification of Instructional Programs (CIP)	01317081800
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Respiratory Therapy with current and valid state licensure
Suggested Alternative Credentials	Associate degree in Respiratory Therapy plus current and valid state licensure plus 2

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



	years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Hospitality & Tourism

Program	Restaurant Management
Classification of Instructional Programs (CIP)	01206070400
Primary Qualifying Credential (if different from highest credential in field)	Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields: Food/Nutrition Hospitality or Hospitality Management Tourism
Suggested Alternative Credentials	Bachelor degree in Hospitality, Hospitality Management, Restaurant, Culinary, and Catering Management/Manager plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Manufacturing

Program	Safety Engineering Technology
Classification of Instructional Programs (CIP)	01615070101
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Industrial Safety Technology/Technician OR Master degree with at least 18 graduate semester hours in Industrial Safety Technology/Technician
Suggested Alternative Credentials	Bachelor degree in Industrial Safety Technology/Technical plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Education & Training

Program	Sign Language Interpretation
Classification of Instructional Programs (CIP)	01713100301

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Primary Qualifying Credential (if different from highest credential in field)	Master degree in any of the following qualifying fields or a related field: Deaf Studies Deaf Education ASL Linguistics ASL Teaching Speech/Pathology/Audiology Sign Language Interpreting
Suggested Alternative Credentials	Bachelor degree plus national certification in one of the qualifying fields
Statewide Course Numbering System Prefix(es)	ASL

DISCIPLINE: Health Science

Program	Sports and Fitness (DOE has daggered this program to be deleted in 2012-13 (DOE 2011-12 Change Document))
Classification of Instructional Programs (CIP)	01318103000
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Sport and Fitness Administration/Management OR Master degree with at least 18 graduate semester hours in Sport and Fitness Administration/Management
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Transportation, Distribution & Logistics

Program	Supply Chain Management
Classification of Instructional Programs (CIP)	01652020900
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Supply Chain Management, Logistics, and Materials OR Master degree with at least 18 graduate semester hours in Supply Chain Management, Logistics, and Materials
Suggested Alternative Credentials	Master in Business Administration plus 2 years work experience in Logistics/Supply Chain Management
Statewide Course Numbering System	TRA

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Prefix(es)	
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DISCIPLINE: Arts, A/V Technology & Communication

Program	Telecommunications Engineering Technology
Classification of Instructional Programs (CIP)	01615030302
Primary Qualifying Credential (if different from highest credential in field)	Master degree in Telecommunications Engineering OR Master degree with at least 18 graduate semester hours in Telecommunications Engineer
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Arts, A/V Technology & Communication

Program	Television & Media Production
Classification of Instructional Programs (CIP)	01610010212
Primary Qualifying Credential (if different from highest credential in field)	Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields: Broadcasting Mass Communications with an emphasis on Radio/TV/Film Digital Communications
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Arts, A/V Technology & Communication

Program	Theater & Entertainment Technology
Classification of Instructional Programs (CIP)	01650999901
Primary Qualifying Credential (if different from highest credential in field)	Master of Fine Arts degree in Theater OR Master degree with 18 graduate semester hours in any of the following qualifying fields: Theater Theater Production Design Acting

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



	Directing Costume Design Stage Management Technical Theater Stagecraft
Suggested Alternative Credentials	Master degree in Humanities with drama/theatre related courses
Statewide Course Numbering System Prefix(es)	TPA, MUM

DISCIPLINE: Education & Training

Program	Translation & Interpretation
Classification of Instructional Programs (CIP)	01713100303
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Translation/Interpretation, Linguistics, or Language plus 2 years work experience in field
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Hospitality & Tourism

Program	Travel & Tourism Industry Management
Classification of Instructional Programs (CIP)	01206070500
Primary Qualifying Credential (if different from highest credential in field)	Master degree with at least 18 graduate semester hours in any combination of the following qualifying fields or a related field: Food/Nutrition Hospitality Tourism Travel Services
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Agriculture, Food & Natural Resources

Program	Turf Equipment Management
Classification of Instructional Programs (CIP)	01101029901

Guidelines on Transfer Agreements and Faculty Credentials and Qualifications



Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Turf and Turfgrass Management plus 2 years work experience in field
Suggested Alternative Credentials	
Statewide Course Numbering System Prefix(es)	

DISCIPLINE: Agriculture, Food & Natural Resources	
Program	Veterinary Technology
Classification of Instructional Programs (CIP)	01317051200
Primary Qualifying Credential (if different from highest credential in field)	Bachelor degree in Veterinary/Animal Health Technology/Technician and Veterinary Assistant
Suggested Alternative Credentials	Associate degree in Veterinary Technology plus 2 years work experience in field
Statewide Course Numbering System Prefix(es)	