

**Articulation Agreements for Dual Enrollment,  
Remediation, Career Pathways and Teacher Preparation**

**Between the District Board of Trustees of the College of Central Florida  
and the School Board of Marion County, Florida  
2013-2014**

**I. Dual Enrollment Articulation Agreement**

The Articulation Committee that has negotiated/drafted the Agreement include: Marion County Public School (hereafter referred to as "School District") members – Pamela Brewer, Executive Director of K-12 Academic Services, Joan Stark, Coordinator, Career & Technical Education, Jayne Ellspermann, Principal, West Port High School and William (Ken) McAteer, Principal, Dunnellon High School.

College of Central Florida (CF) members – Jennifer Fryns, Associate Dean, Liberal Arts & Sciences, Teri Little-Berry, Director of Admissions/Records and Diana Ryon, Admissions & Dual Enrollment Specialist. Consultation with Lyn Powell, Dean, Enrollment Management, Cheryl Fante, Associate V. P., Business, Technology & Workforce and Sara Lefils, Career Pathways Coordinator occurred prior to the meeting.

The Committee meets annually in the spring to go over the current year's Articulation Agreements and discusses changes that are required due to changes in statute or rule and any changes desired by either the School District or the college. A draft document is prepared by college personnel and sent to all members of the Committee for additional changes or approval. Once the document is in its final draft, copies are sent to the School Districts to take to their School Board for approval and signatures. Once approved and signed, copies are sent to CF to be reviewed, approved and signed by the Board of Trustees. Signed hard copies are mailed to the School District personnel.

The Dual Enrollment Articulation Agreement is completed annually and submitted to the Department of Education by CF by August 1 of each year.

**A. A ratification or modification of all existing Articulation Agreements**

Once the Articulation Agreement is signed by both boards, the Agreement will be active for the upcoming academic year and will nullify all previously signed agreements. This Agreement covers not only Dual Enrollment, but also career pathways, remediation and teacher preparation. Legislative changes that occur after the final draft of this document which impact the 2013-2014 academic year will take precedence.

**B. A description of the process by which students and their parents are informed about opportunities for student participation in the Dual Enrollment program**

1. References to *students* in this document mean any student enrolled in a Marion County Public School.
2. CF will provide information to the high schools regarding requirements for participation in, and the educational benefits to be derived from, Dual Enrollment or other accelerated programs.
3. The high schools, in turn, will utilize printed, published, electronic, or other media to notify students and their parent/guardian of the opportunity to participate in these articulated acceleration programs. The high schools will additionally provide information, using these same methods, to students and their parent/guardian, of the eligibility criteria for participation in these programs.
4. CF will post application deadlines and registration dates on its Dual Enrollment Web page at least one term in advance.

5. CF Admissions & Records staff will work with district and school officials on targeted Dual Enrollment recruiting activities.

**C. A delineation of courses and programs available to students eligible to participate in Dual Enrollment**

1. Courses to be provided by CF under this Agreement will be mutually agreed upon by CF and the School District, and will avoid unnecessary duplication of existing courses in grades 9-12. Current law allows for any course in the Statewide Course Numbering System, with the exception of remedial courses and Physical Education skills courses, to be offered as Dual Enrollment.
2. CF will furnish each high school with a copy of the current courses (and URL for Web access) with descriptions for each course in which a student may be dually enrolled. Specific courses to be provided on high school campuses in Marion County shall be mutually agreed upon by the host school principal and CF.
3. A student education plan will be developed by CF for each student registering for a Dual Enrollment course. The plan will ask each student to identify an educational objective with which to guide course selection. At a minimum, each student's plan should include a list of courses that will result in an Applied Technology Diploma, an Associate in Science (A.S.) degree or an Associate in Arts (A.A.) degree. If a student identifies a baccalaureate degree as the objective, the plan must include courses that will meet the general education requirements and any prerequisite requirements for entrance into a selected baccalaureate degree program.
4. Postsecondary courses in foreign languages, mathematics, English, sciences, social studies, computer science, performing and/or visual arts, applied technology, and any other classes that are in compliance with applicable state regulations shall be counted toward meeting the graduation requirement of F.S.1003.43.
5. Students (age 18) who wish to take college credit courses that contain a study abroad or travel component (during summer only) must receive the permission of their high school principal and parent/guardian before participating. If the permission is granted, the student shall be exempt from the payment of the registration, matriculation and laboratory fees. However, the student is responsible for the full cost of travel.

**D. A description of the process by which students and their parents exercise options to participate in the Dual Enrollment program**

Students and the parent/guardian of students wishing to pursue participation in an articulated acceleration program must contact their high school guidance counselors to discuss admissions criteria and to obtain the necessary application information.

**Application Process** - Students interested in Dual Enrollment must meet with their high school guidance counselor or principal for permission to participate in the program. Students must complete the online Dual Enrollment application. The student will print the parent approval form from the email received upon submission of the application. The parent/guardian must sign giving permission for the student to participate in the Dual Enrollment program. The student must turn the form in to their high school guidance counselor. The student is issued a CF ID number to view their student portal for additional requirements. The student is responsible for requesting and providing the documents needed for eligibility. This includes high school transcript and placement test scores (ACT, SAT or PERT). All documentation must be received by the CF Dual Enrollment Specialist by the posted application deadlines. Once all documents are received and processed by the CF Dual Enrollment Specialist, the student will receive an email stating they have been admitted to the program. If a student does not meet eligibility criteria or does not submit the paperwork by the posted deadline, the CF Dual Enrollment Specialist will contact the high school counselor. The high school counselor is responsible for contacting the student.

**Registration** - Dual Enrollment brochures will be provided to guidance counselors by CF to better help students and parent/guardian understand the requirements, admission and enrollment procedures and benefits of program participation. Once a student is fully admitted, the student will receive an email to view the online Dual Enrollment orientation on their CF portal. The orientation is required in order to register for Dual Enrollment courses. The student must take and pass the quiz at the end of the orientation. Once the student passes the quiz and submits it, he/she will select a registration session time for his/her respective registration day. Registration will be completed through the high school guidance counselor. The student must review the schedule posted on the MyCF Portal to select courses for registration each term. The high school guidance counselor will assist the student in their course selection to ensure the course requirements are met for high school. Public school students will receive a blue book form from the high school guidance counselor with the course selection(s) listed. Signatures must be obtained by the student, high school counselor and parent/guardian. The student must bring the form with them on their designated registration day and session time to the CF Ocala campus to register for their courses. If Dual Enrollment courses are offered through the high school or offered online through the School District, students must register for these courses before enrolling in courses offered at CF.

**Withdrawal Process** - Dual Enrollment students will follow CF's withdrawal policy. Students have the option to withdraw from a course(s) within the withdrawal period. The student must see their guidance counselor to complete the Dual Enrollment Withdrawal form. The student and counselor must sign the form and send to the CF Dual Enrollment Specialist to process. Forms must be received by the withdrawal deadline. The student will receive a "W" on their transcript for the attempt in the course.

**Course Load** - High school juniors may take up to nine (9) college credit hours in the fall and spring semesters. The summer before their junior year, the student may only register for summer B and may take up to six (6) credit hours on-campus only. Juniors may take up to nine (9) credit hours total in the summer semester (no more than 2 courses in each summer term). High school seniors may take 12 - 15 credit hours in the fall and spring terms.

Juniors participating in West Port High School's Early College Program may take a maximum of nine (9) credit hours at CF, but may take additional Dual Enrollment courses at the high school for a maximum of twelve (12) credit hours per semester in their junior year. Seniors may take 12 -15 credit hours in the fall and spring terms. Any exception to these limits must be approved by CF's Dual Enrollment Petitions Committee.

**Grade Distribution** - All students enrolled in Dual Enrollment classes will be graded on the same basis as other college students in the same courses. CF will assign letter grades to each student/course and the letter grade assigned shall be posted to the student's high school transcript by the School District. Grades will be electronically transmitted securely by CF to the student's high school and to the district offices for posting.

**Academic Advising** - All A.A. degree seeking students must be advised by a CF A.A. advisor in the semester that they reach thirty (30) earned credit hours to learn about the requirements to complete the A.A. and any additional requirements necessary for a smooth transition into the bachelor's degree program and institution of their choice.

**E. A list of any additional initial student eligibility requirements for participation in the Dual Enrollment program**

1. An overall GPA of 3.0 on an unweighted 4.0 scale is required for college credit Dual Enrollment courses. An overall GPA of 2.0 on an unweighted 4.0 scale is required for students to enroll in Career Academy or vocational certificate Dual Enrollment programs.

Continued eligibility for college credit Dual Enrollment requires the maintenance of a 3.0 unweighted high school GPA and the minimum GPA required by CF.

2. The School District shall identify those students qualified to participate in Dual Enrollment classes. The high school principals will approve student eligibility for participation in these classes.
3. The student must be enrolled in the School District and must be working towards a high school diploma to participate in Dual Enrollment.
4. The student must pass all portions of the ACT, SAT or PERT, in accordance with the cut scores established by CF, to demonstrate readiness for college-level coursework. Any combination of these test scores may be considered if taken within two (2) years of the beginning of classes for first-time Dual Enrollment students. Beginning fall 2007, students must take the CLM (College Level Math exam) to enroll in a college-level math class beyond MAC1105, College Algebra.

Cut scores for the three placement tests are as follows:

	<u>ACT</u>	<u>SAT</u>	<u>PERT</u>
Reading	18	440	104
English	17	440	99
Math	19	440	113

PERT 113 – Placement for MAT1033, Intermediate Algebra

PERT 123 – Placement for MAC1105, College Algebra

5. The student must pass the 10<sup>th</sup> grade FCAT Reading, as well as the end of course exams for Algebra 1.
6. Students in need of FCAT remediation will not be eligible for Dual Enrollment. Any exceptions to this must be approved by the high school principal and the CF Vice President for Academic Affairs or designee.
7. Students enrolled in Advanced Placement (AP) English Literature or English Language are eligible to take courses that have ENC 1101 as a **co-requisite** during the same semester. Students who have a score of three (3) or above on the Advanced Placement (AP) English Literature or English Language examinations will be eligible to take courses that have ENC 1101 as a **pre-requisite** in subsequent semesters.
8. Students must demonstrate readiness for college-level coursework to be admitted into CF's high school/career academy Dual Enrollment program. To satisfy this requirement, students must meet specific requirements of the cohort, should they exist, or pass a minimum of two (2) corresponding sections of the ACT, SAT or PERT in reading and writing or math (algebra and arithmetic). Once a student has earned twelve (12) college-level credits, **all** portions of the college placement test(s) must be passed (pursuant to s. 1004.93).
9. Permission for participation must be granted by the student's parent/guardian.
10. Students must have completed their sophomore year in high school by passing twelve (12) high school level credits for consideration for Dual Enrollment courses. Students are no longer eligible for Dual Enrollment once they successfully complete four (4) years of enrollment in high school or graduation, whichever comes first.
11. Any exceptions to the requirements must be approved by both the high school principal and CF's Dual Enrollment Petitions Committee. Students and their parent/guardian should contact the CF Dual Enrollment Specialist to request a meeting with the DE Petitions Committee. Students and their high school guidance counselor are notified of the committee's decision by phone within one week of the meeting.
12. Students who will graduate from high school prior to completion of the post-secondary course may not register for the course through Dual Enrollment. This means that high school seniors may NOT take a summer A course as Dual Enrollment or as a regular college student since they have not officially graduated from high school prior to the start of that term.

13. Students may lose the opportunity to participate in the Dual Enrollment program if they are disruptive to the learning process.

**F. A delineation of the high school credit earned for the passage of each Dual Enrollment course**

1. The School District will ensure that appropriate high school credits will be awarded upon successful completion of Dual Enrollment classes. All academic and vocational courses will correlate to the Dual Enrollment Course – High School Subject Area Equivalency List recommendations for high school credit. All other non-identified courses will be based upon successful completion of a three to five-credit hour college course to result in the awarding of 0.5 high school credit in Carnegie units. Any other non-identified college course offered at fewer than three credit hours will be ineligible for high school credit and will not constitute Dual Enrollment. Science labs should be reported as zero credit per Bright Futures.
2. High school credit for Post-Secondary Adult Vocational certificate classes shall be awarded based on the number of contact hours in the program of study. For each 135 clock hours in the program, a student will be awarded one (1) high school credit in Carnegie units; one-half (0.5) high school credit will be awarded for any number of clock hours between 68 and 135; and no high school credit will be awarded for any number of clock hours less than 68.

**G. A description of the process for informing students and their parents of college-level course expectations**

1. CF will supply high school guidance counselors with Dual Enrollment brochures which include application instructions to inform students/parents of the requirements and benefits of participation in the program.
2. Dual enrollment courses meet the curricular expectations and are at the same depth and rigor of non-dual enrollment postsecondary instruction, including those offered on the high school campus.
3. Students will be informed during Dual Enrollment orientation that they should plan to study at least two to three hours outside of class for every hour they are in the class to be successful in college level courses. In addition, Dual Enrollment courses become a part of a student's permanent college transcript and are calculated into the student's permanent postsecondary GPA.

**H. The policies and procedures, if any, for determining exceptions to the required grade point averages on an individual student basis**

There will be no exceptions made to the required grade point averages for academic or career Dual Enrollment.

**I. The registration policies for Dual Enrollment courses as determined by the postsecondary institution**

1. Registration for Dual Enrollment students taking classes on the CF campus will take place after the 0+ credit hour priority registration date each semester. Registration will be conducted in CF's Bryant Student Union with returning students generally registering in the morning and new students in the afternoon.
2. West Port and Dunnellon High School guidance counselors will submit an electronic spreadsheet showing the students to be registered for the courses offered on their campuses.
3. Dual Enrollment students will follow CF's procedures for drop, withdrawal and petition policies.

4. The beginning and ending dates of courses offered during the regular day in the high school facilities will coincide with the School District's calendar. Courses offered after the regular school day or on the college campus will be scheduled on the CF calendar. Courses taught by college faculty will follow the CF academic calendar.

**J. Exceptions, if any, to the professional rules, guidelines, and expectations stated in the faculty or adjunct faculty handbook for the postsecondary institution**

All School District employees serving as Dual Enrollment faculty approved to teach college courses under this Agreement will annually attend a new fall faculty or adjunct orientation conducted by CF where they will receive a copy of the Adjunct Faculty Handbook, which includes the Web address of the Student Handbook detailing add/drop, withdrawal and grading policies, as well as the CF Student Code of Conduct and critical dates. These instructors are expected to adhere to the professional guidelines, rules and expectations presented in each handbook.

**K. Exceptions, if any, to the rules, guidelines, and expectations stated in the student handbook of the postsecondary institution which apply to faculty members**

1. The School District shall annually assess the demand for Dual Enrollment and provide that information to CF for assistance in planning classes in the CF scheduling system.
2. CF shall be responsible for ensuring that the quality of instruction provided Dual Enrollment students is comparable to that afforded other CF students. To this end, the following will apply to Dual Enrollment courses taught on high school campuses:
  - a. Dual Enrollment faculty shall be provided with a full-time CF faculty contact or liaison in the discipline they are teaching.
  - b. Dual Enrollment faculty shall be provided a copy of course plans, objectives and relevant CF Institutional Student Learning Outcomes. These objectives and outcomes must be included in the course syllabus.
  - c. The course syllabus must be provided to students and filed with the CF discipline chairperson prior to the start of each term. Content of the syllabus must meet the same criteria as required for all college courses offered at CF.
  - d. Textbooks and instructional materials used in Dual Enrollment courses must be the same or comparable with those used in course taught on the CF campus. If not identical, they must be approved by the discipline chairperson at CF.
  - e. For academic disciplines where a departmental exam is used, the final exam will be provided to the School District's Dual Enrollment faculty by CF in a timely fashion to ensure availability prior to the scheduled administration dates. For all others, final examinations must be approved by the appropriate CF discipline chairperson as a comprehensive assessment of expected learning outcomes. The high school Dual Enrollment instructor should send their exam to their CF faculty liaison for review and approval at least three weeks before the exam delivery date.
3. The high school principal, or his/her designee, will recommend qualified high school teachers as instructors for Dual Enrollment courses to be taught during the regular school day or extended school day on high school campuses. To be qualified, faculty selected to teach Dual Enrollment classes must submit an adjunct application to their administrative contact at CF, along with their postsecondary transcripts which will be kept on file in the CF Human Resources Office. The instructors must meet CF faculty credentialing requirements set by the Southern Association of Colleges and Schools (SACS) Commission on Colleges' *Principles of Accreditation: Foundations for Quality Enhancement, 2012 Edition* (section 3.7.1).
4. In the absence of qualified high school instructors, CF may provide adjunct instructors to teach Dual Enrollment courses on high school campuses, if such arrangements are approved by CF's Vice President for Academic Affairs (see item G.2. above). In each case, once an academically qualified instructor is identified, he/she must meet all of the requirements

established by the School District before having contact with the students. This process will be coordinated through the School District's Executive Director of K-12 Academic Services.

5. CF will select and certify the instructors for Dual Enrollment courses taught at college facilities.
6. School District instructors who teach Dual Enrollment courses during the regular or extended school day will be evaluated by the high school administration using the district-wide evaluation instrument. These instructors shall also be observed for evaluative purposes by a CF administrator, faculty liaison, or a trained School District official in accordance with CF faculty evaluation processes. CF will follow the School District's guidelines for the performance of employees when evaluating these Dual Enrollment instructors. This will include following the procedures for sharing and discussing the performance assessment tool/process with those being evaluated at least 20 days prior to the classroom observation; scheduling the observation in advance; providing a copy of the performance assessment to the instructor within ten (10) working days after the observation; allowing the instructor to submit a written rebuttal to be placed with the assessment document in his/her personnel file housed in the Human Resource Office at CF; and allowing the instructor the right to inspect, review, and copy the contents of his/her personnel file. Results of CF's observation will be shared with the School District administrator.
7. Dual Enrollment courses taught on a high school campus may not be combined with any non-college credit high school course.
8. As is appropriate for college-level study, course materials and class discussions may reflect topics not typically included in secondary courses that some parents may object to for "minors." Courses are not to be modified to accommodate variations in student age and/or maturity.
9. Any course-, discipline-, college-, or system-wide learning assessments required by CF in non-dual enrollment sections of a course shall also be administered in all Dual Enrollment sections of the course.
10. CF shall analyze student performance in Dual Enrollment course offerings on high school and college campuses to ensure that the level of preparation for future success is comparable with non-dual enrollment college students. Analyses and recommendations shall be shared and reviewed with School District principals and administrators.
11. CF and the School District will design strategies for collaborative professional development to improve Dual Enrollment counseling and instructional efficacy, encourage teacher utilization of instructional technologies, address critical needs and issues, and support in-service initiatives.
12. **IMPORTANT:** If a high school wants to offer 15 or more credits (i.e., 25% of an Associate Degree program) on their campus, they must submit a request to the Vice President for Academic Affairs at CF at least 6 months in advance to allow sufficient time for college approval and notification to SACS. If a high school wants to offer 30 credits or more (i.e., 50% of an Associate Degree program) on their campus, they must submit a request to CF's Vice President for Academic Affairs at least 9 months in advance. If approved by CF officials, the high school and School District administrators will work with college officials to create and submit a "substantive change" to SACS. Approval must be received from SACS before the additional courses on the high school campus may be advertised or offered.

**L. The responsibilities of the School District regarding the determination of student eligibility before participating in the Dual Enrollment program and the monitoring of student performance while participating in the Dual Enrollment program**

1. Each student must be recommended by their high school principal. Student screening for eligibility and participation is the responsibility of the high school principals according to district and state requirements.
2. The high school counselor shall identify those students qualified to participate in Dual Enrollment classes on a semester basis and will verify their continued eligibility throughout

their participation. This verification will be conducted after grades are posted each semester. The counselor will notify CF's Dual Enrollment officer when a student's eligibility status changes.

3. The high school counselor will work with students to include Dual Enrollment course plans to minimize enrollment in a random selection of college courses.
4. CF will provide academic advising services to Dual Enrollment students, monitor their progress and attendance in Dual Enrollment classes, and provide progress and attendance reports to their high school at the college mid-term and upon completion of the college term.
5. Students and their parent/guardian will be informed of college-level course expectations.
6. Any "grade level" classification listed in this Dual Enrollment Agreement is based on the School District's Student Progression Plan.
7. Students attending Dual Enrollment classes held in high school facilities during regular school hours will be subject to the School District attendance regulations. Students attending Dual Enrollment classes held in college facilities during or after school hours or at high school facilities after regular school hours will be subject to CF attendance policies. Required documentation of enrollment will be reported to the high schools and School District (Management Information Services (MIS) offices.
8. Students may enroll in courses conducted during school hours, after school hours, and during the summer term. However, if the student is projected to graduate from high school before the scheduled completion date of a post-secondary course, the student may not register for that course through Dual Enrollment. The student may apply to CF and upon admission and special permission by the Office of Admissions, may register and pay the required tuition and fees.
9. Students must satisfy the college preparatory testing requirements of Rule 6A-10.0315, F.A.C., which is hereby incorporated by reference. Before accumulating more than 12 credit hours, students must either meet established minimum scores on all sections of a postsecondary readiness assessment, or have earned a passing score on a skills Exit Test, as prescribed by CF, with a grade of C or better in one of the following classes: Mathematics for College Success (1200410), Reading for College Success (1008350), Writing for College Success (10009370), Math for College Readiness (1200700), and/or Writing IV: Florida College Prep (1001405).
10. **CODE OF STUDENT CONDUCT:** Students attending Dual Enrollment classes on the college campus will follow CF's Code of Student Conduct in terms of appropriate classroom, behavior, protocol, and academic integrity (i.e., cheating and plagiarism). Students taking Dual Enrollment classes on their high school campus will be subject to the current School District Code of Student Conduct. If a student in the high school class is found to have plagiarized any portion of his/her course work or assignments, the instructor will notify CF's Vice President for Student Affairs and the student will be subject to the same disciplinary actions as other students taking courses on the CF campus, regardless of what disciplinary action is taken by the School District. If a student is disruptive to the learning process through their classroom behavior so that the progress of other students or the efficient administration of the course is hindered, a student may lose the opportunity to participate in the Dual Enrollment course, regardless of eligibility requirements for continued enrollment.
11. **STUDENT RECORDS:** The parties may provide personally identifiable student records to each other in the performance of this Agreement. Such records are provided pursuant to Section 1002.22(3)(d), Florida Statutes, and 20 U.S.C.A. 1232g. Each party further agrees to comply with Section 1002.22, Florida Statutes, and 20 U.S.C.A. 1232g, including but not limited to provisions related to confidentiality, access, consent, length of retention and security of student records.



**M. The responsibilities of CF regarding the transmission of student grades in Dual Enrollment courses to the School District**

1. Students with unsatisfactory progress reports should be counseled by the high school guidance counselor immediately upon receipt of the college reports.
2. All students enrolled in Dual Enrollment classes will be graded on the same basis as other college students in the same courses. CF will assign letter grades to each student/course and the letter grade assigned shall be posted to the student's high school transcript by the School District. Grades will be electronically transmitted securely by CF to the student's high school and to the School District MIS/Curriculum offices for posting.  
If a Dual Enrollment student earns a D, F or FF grade in any course(s) during one semester, he/she will no longer be eligible to participate in Dual Enrollment.

**N. A funding provision that delineates costs incurred by each entity. School Districts should share funding to cover instructional and support costs incurred by the postsecondary institution**

1. In accordance with F.S. 1007.27<sup>1</sup> the School District shall pay the standard tuition rate per credit hour from funds provided in the Florida Education Finance Program (FEFP) to CF for all Dual Enrollment instruction that takes place on the CF campus. Students must drop courses during the add/drop period to have the cost of tuition removed. If the student later withdraws from a course, the tuition will remain and be charged to the School District.
2. If a faculty member is provided by the college to teach a Dual Enrollment course on a high school campus, the high school will be required to cover the cost of that instructor. For online courses taught by a CF instructor, the high school will be required to cover the cost of the instructor.
3. Students enrolled in a Dual Enrollment or early admissions program shall be exempt from the payment of registration, matriculation and laboratory fees.
4. Required textbooks and other instructional materials as defined in F.S. 1006.28 will be funded by the School District provided the FEFP provides funding for such expenses. The college will adhere to the requirements set forth in F.S. 1004.085 in regards to the affordability of textbooks.
5. The School District shall be responsible for the inventory, recovery, reuse, and sale of textbooks and instructional materials provided under this Agreement in conjunction with the CF Bookstore (Barnes & Noble).
6. In order to be eligible for academic accommodations, students with disabilities who enroll in a course provided at a CF facility must meet the requirements established by CF's Office of Access Services. If a student with a disability enrolls in a Dual Enrollment course offered at a high school facility, the high school will be responsible for determining and providing accommodations.
7. CF will invoice the School District for costs incurred annually no later than June 15. Payment must be made by check.

**O. Any institutional responsibilities for student transportation, if provided**

The student will be responsible for providing transportation to and from facilities where Dual Enrollment classes are held.

## II. Mechanisms and strategies for decreasing the need for remediation of high school graduates at CF

- A. There shall be established a “remediation task force” comprised of two representatives from each School District, the Vice President for Academic Affairs, the Vice President for Student Affairs, and the Dean of Enrollment Management at CF, and others as the plan warrants.
- B. Initiatives for 2013-2014 are:
1. Analysis of student readiness for college by administering the PERT to eligible 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> graders from Levy, Marion, and Citrus counties.

### CF will provide:

- ✓ one administration of the PERT exam at no cost for students who wish to apply for participation in Dual Enrollment (this will count as one of their two allowed at the high school level);
- ✓ walk-in testing available at the college;
- ✓ placement testing in compliance with Rule 6A-10.0315 FAC and section 1008.30. F.S.

### The School District will provide:

- ✓ space for testing;
  - ✓ test sites;
  - ✓ testing information to all eligible students;
  - ✓ test dates;
  - ✓ a means to determine students showing an interest in postsecondary education;
  - ✓ placement testing in compliance with Rule 6A-10.0315 FAC and section 1008.30. F.S.;
  - ✓ all access, training and coordination will be provided through McCann Associates.
2. CF will provide assessment of student readiness for college by administration of PERT to all incoming students without ACT or SAT scores.
  3. The limitation on PERT retakes has been removed from statute. CF will accept the PERT scores from the high school transcripts only if they cannot be found at the PERT repository.
  4. CF will provide a statistical study by districts and by high schools of first time in college (FTIC) and prior year in high school students needing College Prep courses.
  5. Articulation agreements will be established between Levy, Marion, and Citrus school districts and CF.
  6. CF advising and enrollment services staff from all campuses will meet with high school counselors in all three school districts to provide in-service training regarding CF course requirements. High school counselors are encouraged to visit CF’s workforce development programs.
  7. CF will conduct a “college preview” type event for students in each of the School Districts.
  8. CF will provide information about its programs and how to be a successful college student to 8<sup>th</sup> through 12<sup>th</sup> graders in Levy, Marion, and Citrus counties in a variety of formats, materials and events.
  9. Educational Talent Search (ETS), a federal TRIO program that serves six high schools (240 students) in the college service area, will provide disadvantaged youths with supplemental educational support; activities include assessment of educational needs and delivery of academic counseling, career information and exploration, tours of college campuses, and assistance with completing financial aid and college admission applications. (Dependent upon grant funding.)
  10. Educational Opportunity Center (EOC), a federal TRIO program that serves approximately 1,000 high school & post-secondary students at educational institutions in the service area, will offer activities including individual needs assessment, individual educational plans,

tutoring, career exploration, mentoring, visits to local business and industry and college campuses, motivational sessions, etc. (dependent upon grant funding).

### **III. Mechanisms and strategies for promoting “Career Pathways” programs of study**

#### **A. Courses and programs available to students eligible for Career Pathways**

1. A Career Pathway Program of Study is a coherent sequence of rigorous academic and technical courses that prepare students for successful completion of state academic standards and support an accelerated transition to postsecondary coursework in a related career area of interest. According to the Florida Department of Education Information Data Base Requirements, Vol. 1, a Secondary Career Pathways Student is defined as “a career and technical education student who has earned three or more (high school) credits in a single career and technical education program and has participated in a locally developed Program of Study that has a written articulation agreement in place which establishes and validates the career pathway.” Such is the purpose of this Articulation Agreement between CF and the School District.
2. Courses to be articulated to CF under this Agreement will be mutually agreed upon by CF and the School District. Career Pathways course and program offerings will be accessible on the Career Pathways Web page of CF’s Web site ([www.CF.edu/careerpathways](http://www.CF.edu/careerpathways)), and the School District’s Web site on the Career and Technical Education Web page. Alterations to this list of offerings may be made with mutual consent of CF and the School District. (See Appendix A for a full list of articulated credits).

#### **B. The process for notifying parents and students of the option to participate in Career Pathways programs**

1. CF will provide information to the high schools regarding the requirements for participation in, and the educational benefits to be derived from, Career Pathways or other accelerated programs.
2. The high school, in turn, will utilize printed, published, electronic, or other media to notify students and their parent/guardian of the opportunity to participate in these articulated acceleration programs. The high schools will also provide information, using these same methods, to students and their parent/guardian regarding the eligibility criteria for participation in these programs.

#### **C. Eligibility criteria for student participation**

1. Eligibility for participation in a Career Pathways program of study at the high school level is determined by a student’s enrollment in a Career & Technical Education (CTE) Program of Study. A student who is defined as a “concentrator” (students earning three (3) or more courses in a CTE Program of Study) and has met the minimum academic requirements of a “B” (3.0) in the CTE Program is considered a Career Pathway student.
2. Career Pathways students who are eligible for articulated credits and desire to attend CF in an aligned A.S. degree program must apply for a CF student identification number and request to take an end-of-course exam for the articulated credit. Students who pass an Industry Certification on the Gold Standard Career Pathways Articulation Agreements of Industry Certification to AAS/AS Degree 2013, are exempt from taking the end of course exam for the courses specified in Appendix A.  
([http://www.fldoe.org/workforce/dwdframe/artic\\_indcert2aas.asp](http://www.fldoe.org/workforce/dwdframe/artic_indcert2aas.asp))

**D. Institutional responsibilities for student screening prior to enrollment and monitoring enrolled students**

1. The School District shall identify those students who have completed Career Pathways courses of study and are current seniors (within 12 months of high school graduation) and shall so notify CF.
2. CF will make available advising services to Career Pathways students, as provided to all CF students.

**E. Awarding college credit for articulated Career Pathways courses**

1. To receive Career Pathways credit, students must demonstrate mastery of articulated career and technical courses by earning at least a grade of "B" as indicated on their official high school transcripts. Additionally, students may also be required to pass the Industry Certification identified on the Gold Standard State Wide Articulation Agreement, an exam and/or approved alternative assessment of work to demonstrate mastery of course material at a level acceptable to CF.
2. The articulated Career Pathways credits will be awarded and posted to the student's CF transcript upon acceptance to CF and his/her declaration of an A.S. program of study. The articulated CF courses will be awarded a grade of "S" and will not factor into the student's CF grade point average.
3. Statewide Career and Technical Education Articulation agreements which are based on nationally recognized industry certification support the Department of Education's Next Generation Strategic Areas of Focus (number three) effort to "expand opportunities for postsecondary degrees and certifications." Gold Standard Career Pathways Industry Certification to AAS/AS Degree Statewide Articulation Agreements based on nationally recognized industry certification does not preclude CF from granting additional credit based on the local agreement.

See Appendix A for a full list of articulated credits.

[http://www.fldoe.org/workforce/dwdframe/artic\\_frame.asp](http://www.fldoe.org/workforce/dwdframe/artic_frame.asp)

**F. Criteria by which the instructional quality will be maintained**

CF will work with the School District personnel to provide program and related course learning outcomes, curriculum and other resources to help ensure that the quality of instruction provided the high school students in the Career Pathways articulated courses is comparable to that afforded CF students enrolled in said program.

**G. Cost of Career Pathways**

Students who receive Career Pathways credits shall be exempt from the payment of registration and laboratory fees for the CF courses for which they receive articulated credit.

**H. Program review**

1. CF and the School District personnel will, on an annual basis, review and revise the Articulation Agreement to keep it aligned with the most current program and course requirements. All Career Pathway programs offered by CF are annually reviewed and revised to accommodate and adapt to changing labor market trends and demands.
2. Upon request, CF will work with the School District personnel to develop additional articulated Career Pathways programs of study as new programs are added at the secondary and/or postsecondary levels.


**IV. Mechanisms and strategies for improving the preparation of elementary, middle, and high school teachers**

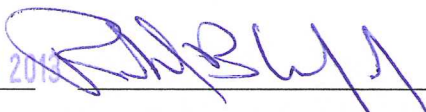
- A. There shall be established a consortium among CF, the CF University Center partners, and the school boards of Citrus, Marion, and Levy counties to affect collaborative methods for improving the preparation of elementary, middle, and high school teachers.
- B. Additionally, methods for providing support to the public school systems in recruiting, retaining, and recertifying teachers will be developed by the consortium members.
- C. Training programs will be developed to provide professional development to meet the needs of teacher mandates. These courses and programs will be made available to the public school systems in Citrus, Marion, and Levy counties at various times and places.
- D. The members of the consortium will promote the advantages of partnering in educational programming.
- E. The members of the consortium will work to provide a coordinated effort to develop and implement alternative certification procedures and programs for classroom teachers.
- F. The members of the consortium will work to provide a coordinated effort to develop and implement methods for state and federal mandates.
- G. The members of the consortium, in developing these programs, will strive to utilize new technologies in the training programs, to address critical needs of teachers and public school systems in implementing them, and to include both pre-service and in-service initiatives in so doing.

V. Accountability

This Agreement and the policies and allocation of responsibility shall be effective upon being signed by the chairperson of the School Board of Marion County, Florida and the District Board of Trustees of the College of Central Florida, but shall be executed before registration for the fall term of the following school year. Additions and deletions may be made at any time upon the mutual agreement of CF's President and the School District Superintendent. Courses of study and programs are to be incorporated into the agreement before instruction begins. This Agreement shall be valid for the 2013-2014 school year.

IN WITNESS WHEREOF, the School Board of Marion County, Florida and the District Board of Trustees of the College of Central Florida have adopted this Agreement and caused it to be executed by their respective chairmen and chief executive officers in accordance with Section 1007.271 F.S., Dual Enrollment Articulation Agreements.

8-28-13   
Date Sandra L. Balfour, Chair, District Board of Trustees  
College of Central Florida

JUL 23 2013   
Date Ronald B. Crawford, Chairman  
The School Board of Marion County, Florida

**APPENDIX A**

Secondary Program of Study	College of Central Florida	Maximum College Credits
<b>AGRISCIENCE</b>		
<b>Landscape Operations (8121300)</b> *Business Technology Ed Core (Elective) Agriscience Foundations (8106810) (Required) Introductory Horticulture 2 (8121510) Horticulture Science 3 (8121520)	<b><u>2299: A.S. Degree in Agribusiness Management: Horticulture Specialization</u></b> OST 1100 Professional Keyboarding (Elective 3) ORH 1000C Introduction to Horticulture (3) PLS 1220 Propagation of Nursery Plants (3)	9
	or  <b><u>2260: A.S. Degree in Landscape and Horticulture Technology — Horticulture Specialization</u></b> OST 1100 Professional Keyboarding (Elective 3) ORH 1000C Introduction to Horticulture (3) PLS 1220 Propagation of Nursery Plants (3)	9
	<b><u>2269: A.S. Degree in Landscape and Horticulture Technology — Landscape Specialization</u></b> OST 1100 Professional Keyboarding (Elective 3) ORH 1000C Introduction to Horticulture (3) PLS 1220 Propagation of Nursery Plants (3)	9
<b>Animal Science and Services (8106200)</b> *Business Technology Ed Core (Elective) Agriscience Foundations (8106810) (Required) Animal Science and Services 2 (8106210) Animal Science and Services 3 (8106220)	<b><u>2292: A.S. Degree in Equine Studies — Business Management Specialization</u></b> OST1100 Professional Keyboarding (Elective 3) ANS 1236 Introduction to Equine Studies (3)	6
	or  <b><u>2299: A.S. Degree in Agribusiness Management — Equine Specialization</u></b> OST 1100 Professional Keyboarding (Elective 3) ANS 1003 Introduction to Animal Science (3)	6
	<b><u>2309: A.S. Degree in Equine Studies — Exercise Physiology</u></b> OST1100 Professional Keyboarding (Elective 3) ANS 1236 Introduction to Equine Studies (3)	6
<b>Food Science Applications (8129200)</b> *Business Technology Ed Core (Elective) Agriscience Foundations 1 (8106810) (Required) Food Science Applications 2 (8129210) Food Science Applications 3 (8129220)	<b><u>2299: A.S. Degree in Agribusiness Management</u></b> OST 1100 Professional Keyboarding (Elective 3) ACG 2001 Introduction to Food Science (3)	6
<b>ALIGNED INDUSTRY CERTIFICATIONS FOR:                      Landscape Operations (8121300)                      Agritechnology (8106800) to                      Landscape/Horticulture</b>  FNGLA 001: Certified Horticulture Professional	<b><u>FNGLA 001: Certified Horticulture Professional</u></b> ORH 1000C Introduction to Horticulture (3) ORH 1510 Ornamental Plant ID (3)	6
<b>ALIGNED INDUSTRY CERTIFICATIONS FOR:                      Animal Science and Services (8106200)                      Agritechnology (8106800) to Equine Studies                      Food Science Applications (8129200)</b>  NONE	NONE	0

**APPENDIX A**

<b>BUSINESS, MANAGEMENT AND ADMINISTRATIVE</b>		
<u><b>Administrative Office Specialist (8212500)</b></u> *Business Technology Ed Core Business Software Applications 1 (8212120) Administrative Office Technology 1 (8212110) Business Software Applications 2 (8212160)	<u><b>2305: A.S. Degree in Business Management, Marketing and Administration</b></u> OST 1100 Professional Keyboarding (3) CGS 1100 Microcomputer Applications (3) OST 2401 Office Administration 1 (3)	9
	<u><b>2289: A.S. Degree in Office Administration — Office Software Applications</b></u> OST 1100 Professional Keyboarding (3) CGS 1100 Microcomputer Applications (3) OST 2401 Office Administration 1 (3)	9
	<u><b>2249: A.S. Degree in Office Administration — Office Management</b></u> OST 1100 Professional Keyboarding (3) CGS 1100 Microcomputer Applications (3) OST 2401 Office Administration 1 (3)	9
	<u><b>A.S. Degree in Office Administration — Legal Office Specialist (2250)</b></u> OST 1100 Professional Keyboarding (3) CGS 1100 Microcomputer Applications (3) OST 2401 Office Administration 1 (3)	9
<u><b>Business Supervision and Management (8215200)</b></u> *Business Technology Ed Core Business and Entrepreneurial Principles (8215120) Legal Aspects of Business (8215130) Business Supervision 1 (8215140)	<u><b>2305: A.S. Degree in Business Management, Marketing and Administration</b></u> OST 1100 Professional Keyboarding (3) CGS 1100 Microcomputer Applications (3) GEB 1011 Introduction to Business (3) and MNA 2141 Basic Leadership/Supervisory Skills (3) (if Business Supervision classes are completed)	12
<u><b>Legal Administrative Specialist (8212000)</b></u> *Business Technology Ed Core Legal Aspects of Business (8215130) Legal Office Technology 1 (8212230) Legal Office Technology 2 (8212240)	<u><b>A.S. Degree in Office Administration — Legal Office Specialist (2250)</b></u> OST 1100 Professional Keyboarding (3) CGS 1100 Microcomputer Applications (3) OST 2401 Office Administration 1 (3)	9
<b>ALIGNED INDUSTRY CERTIFICATIONS FOR:</b> <u><b>Administrative Office Specialist (8212500)</b></u> <u><b>Business Supervision and Management (8215200)</b></u> <u><b>Legal Administrative Specialist (8212000)</b></u>  MICRO017: Microsoft Office Master MICRO069: Microsoft Office Specialist Microsoft Excel Expert Microsoft Word Expert  <u><b>Legal Administrative Specialist (8212000)</b></u>  TAFLP001: Accredited Legal Secretary (ALS)	<u><b>MICRO017 Microsoft Office Master (MOM): Word Expert, Excel Expert, PowerPoint and Access</b></u> CGS 1100 Microcomputer Applications (3) CGS 2103 Spreadsheet Applications (3) OST 2717 Microsoft Word (3) CGS 2540 Database Management (3)	12
	<u><b>MICRO069 Microsoft Office Specialist (MOS) Bundle (3 of 5 tests)</b></u> OST 1100 Professional Keyboarding (3)	3
	<u><b>EXCEL Expert</b></u> CGS 2103 Spreadsheet Applications (3)	3
	<u><b>WORD Expert</b></u> OST 2717 Microsoft Word (3)	3
	<u><b>TAFLP001 Accredited Legal Secretary (ALS) (8212000 ONLY)</b></u> PLA 1103 Intro to Paralegal Field (3)	3



**APPENDIX A**

<b>EDUCATION AND TRAINING</b>		
<u><b>Early Childhood (8503210)</b></u> *Business Technology Ed Core (Elective) Early Childhood Education 1 (8503211) Early Childhood Education 2 (8503212) Early Childhood Education 3 (8503213)	<u><b>2259: A.S. Degree in Early Childhood Education</b></u> OST1100 Professional Keyboarding (Elective 3) CHD 1440D Child Care Practicum I (3) CHD 1339 Learning Through Play (3)	9
<u><b>Teacher Assisting (8909000)</b></u> *Business Technology Ed Core (Elective) Teacher Assisting 1 (8909010) Teacher Assisting 2 (8909020) Teacher Assisting 3 (8909030)	<u><b>2259: A.S. Degree in Early Childhood Education</b></u> OST1100 Professional Keyboarding (Elective 3) EDG 1413C Classroom Management (3)	6
<b>ALIGNED INDUSTRY CERTIFICATIONS FOR:</b> <u><b>Early Childhood (8503210)</b></u> <u><b>Teacher Assisting (8909000)</b></u>	<u><b>CPREC001: Child Development Associate</b></u> EEC 1921 Preschool Workshop (3) EEC 1931 Child Care Seminar (3) CHD 1440 Practicum I (3)	9
CPREC001: Child Development Associate FLDOE001: Director's Credential (ECPC)	<u><b>FLDOE001: Director's Credential (ECPC)</b></u> EEC 2001 Early Childhood Education (3)	3
<b>INFORMATION TECHNOLOGY</b>		
<u><b>PC Support Services (8207340)</b></u> *Business Technology Ed Core PC Support Services 1 (8207210) PC Support Services 2 (8207220) PC Support Services 3 (8207230)	<u><b>2257: A.S. Degree in Computer Information Technology</b></u> OST1100 Professional Keyboarding (Elective 3) CET1171 Intro to Computer Technology (3) CGS1100 Microcomputer Applications (3)	9
<b>ALIGNED INDUSTRY CERTIFICATIONS FOR:</b> <u><b>PC Support Services (8207340)</b></u>	<u><b>IC3</b></u> CET 1171 Intro to Computer Technology (3)	3
IC3 COMPT001: CompTIA A+ COMPT006: CompTIA Network+ COMPT008: Security+ COMPT009: Server+ MICRO017: Microsoft Office Master MICRO069: Microsoft Office Specialist Microsoft Excel Expert Microsoft Word Expert	<u><b>COMPT001: CompTIA A+</b></u> CET 1178C PC Essentials- Hardware (3) CET 1179 PC Essentials- Software (3) CET 2180 Practical PC Technician (3)	9
	<u><b>COMPT006: CompTIA Network+</b></u> CTS 2134 Networking Fundamentals (3)	3
	<u><b>COMPT008: Security+</b></u> CTS 2120 Security Fundamentals (3)	3
	<u><b>COMPT009: Server+</b></u> CTS 2143 Server + (3)	3
	<u><b>MICRO017: Microsoft Office Master (MOM): Word Expert, Excel Expert, PowerPoint and Access</b></u> CGS 1100 Microcomputer Applications (3) CGS 2103 Spreadsheet Applications (3) OST 2717 Microsoft Word (3) CGS 2540 Database Management (3)	12
	<u><b>MICRO069: Microsoft Office Specialist (MOS) Bundle (3 of 5 tests)</b></u> OST 1100 Professional Keyboarding (3)	3
	<u><b>Microsoft EXCEL Expert</b></u> CGS 2103 Spreadsheet Applications (3)	3
	<u><b>Microsoft WORD Expert</b></u> OST 2717 Microsoft Word (3)	3

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<b>HEALTH SCIENCES</b>		
<u><b>Allied Health Assisting (8417130)</b></u> Business Technology Education* (Elective) Health Science 1 (8417100) OR Anatomy and Physiology (2000350) Health Science 2 (8417110) Allied Health Assisting 3 (8417131)	<u><b>2223: A.S. Degree in Dental Assisting Technology</b></u> OST 1100 Professional Keyboarding (Elective 3) BSC1080 Anatomy and Physiology (3)	6
	<u><b>2233: A.S. Degree in Health Information Technology</b></u> OST 1100 Professional Keyboarding (Elective 3) BSC1080 Anatomy and Physiology (3)	6
	<u><b>2234: A.S. Degree in Emergency Medical Services</b></u> OST 1100 Professional Keyboarding (Elective 3) BSC1080 Anatomy and Physiology (3)	6
<b>ALIGNED INDUSTRY CERTIFICATIONS FOR: Allied Health Assisting (8417130)</b>  NONE	NONE	0
<b>LAW, PUBLIC SAFETY AND SECURITY</b>		
<u><b>Criminal Justice (8918000)</b></u> Business Technology Education* (Elective) Criminal Justice Operations 1 (8918010) Criminal Justice Operations 2 (8918020) Criminal Justice Operations 3 (8918030)	<u><b>2277: A.S. Degree in Criminal Justice Technology</b></u> OST 1100 Professional Keyboarding (Elective 3) CCJ 1020 Introduction to Criminal Justice System (3) CCJ 1949 Internship (3)	9
	<b>ALIGNED INDUSTRY CERTIFICATIONS FOR: Criminal Justice (8918000)</b>  NONE	NONE
<b>MANUFACTURING AND SCIENCE, TECHNOLOGY, ENGINEERING AND MATH-STEM</b>		
<u><b>Automation and Production Technology (9200100)</b></u> *Business Technology Ed Core (Elective) Automation & Production 1 (9200110) Automation & Production 2 (9200120) Automation & Production 3 (9200130)	<u><b>2298: A.S. Degree in Engineering Technology — Quality Specialization</b></u> OST 1100 Professional Keyboarding (Elective 3) ETI1117 Introduction to Quality Control (3) ETI1411 Manufacturing Processes 1 (3)	9
	<u><b>Drafting (8725000)</b></u> *Business Technology Ed Core (Elective) Drafting 1 (8725010) Drafting 2 (8725020) Drafting 3 (8725030)	<u><b>A.S. Degree in Engineering Technology — Quality Specialization (2298)</b></u> OST 1100 Professional Keyboarding (Elective 3) EGS 1110 Engineering Graphics (3) ETD 2320C Computer Aided Drafting (3)
<u><b>Drafting/Illustrative Design (8600800)</b></u> *Business Technology Ed Core (Elective) Drafting/Illustrative Design 1 (8600810) Drafting/Illustrative Design 2 (8600820) Drafting/Illustrative Design 3 (8600830)	<u><b>A.S. Degree in Engineering Technology — Quality Specialization (2298)</b></u> OST 1100 Professional Keyboarding (Elective 3) EGS 1110 Engineering Graphics (3) ETD 2320C Computer Aided Drafting (3)	9
<u><b>Electronics Technology (8600900)</b></u> *Business Technology Ed Core (Elective) Electronics Technology 1 (8600910) Electronics Technology 2 (8600920) Electronics Technology 3 (8601930)	<u><b>2257: A.S. Degree in Computer Information Technology</b></u> OST 1100 Professional Keyboarding (Elective 3) CET 1171 Intro to Computer Technology (3) EET 1084 Survey of Electronics (3)	9
<u><b>Engineering Technology (8607000)</b></u> *Business Technology Ed Core (Elective) Engineering Technology 1 (8600570) Engineering Technology 2 (8600670) Engineering Technology 3 (8601770)	<u><b>A.S. Degree in Engineering Technology — Quality Specialization (2298)</b></u> OST 1100 Professional Keyboarding (Elective 3) ETI1117 Introduction to Quality Control (3) ETI1411 Manufacturing Processes 1 (3)	9

**APPENDIX A**

<p><b>ALIGNED INDUSTRY CERTIFICATIONS FOR: Automation and Production Technology (9200100) Engineering Technology (8607000)</b></p> <p><u>MSSCN001: MSSC Cert. Prod. Technician</u></p>	<p><b><u>MSSCN001: MSSC Cert. Prod. Technician</u></b> ETI 1720C Industrial Safety ETI 1117 Intro to Quality Control ETI 1411 Manufacturing Processes I EET 1084 Survey of Electronics ETI 1151 Instrument Techniques and Measurement</p>	<p align="center">15</p>
<p><b>ALIGNED INDUSTRY CERTIFICATIONS FOR: Drafting/Illustrative Design (8600900) Drafting (8725000)</b></p> <p><u>ADESK002: Autodesk Certified USER AutoCAD</u></p>	<p><b><u>ADESK002: Autodesk Certified USER AutoCAD</u></b> ETD 2320C Computer-Aided Drafting</p>	<p align="center">3</p>
<p><b>ALIGNED INDUSTRY CERTIFICATIONS FOR: Electronics Technology (8600900)</b></p> <p><u>COMPT001: CompTIA A+</u></p>	<p><b><u>COMPT001: CompTIA A+</u></b> CET 1178C PC Essentials- Hardware CET 1179 PC Essentials- Software CET 2180 Practical PC Technician</p>	<p align="center">9</p>
<p align="center"><b>TRANSPORATION, DISTRIBUTION AND LOGISTICS</b></p>		
<p><b><u>Automotive Service Technology (8709400)</u></b> *Business Technology Ed Core (Elective) Automotive Service Technology 1 (8709410) Automotive Service Technology 2 (8709420) Automotive Service Technology 3 (8709430) Automotive Service Technology 4 (8709440)</p>	<p><b><u>2282: A.S. Degree in Automotive Service Management Technology</u></b> OST1100 Professional Keyboarding (Elective 3) AER 1081 Automotive Fundamentals (3) Must pass NATEF end of program exams (minimum of 4)</p>	<p align="center">6</p>
<p><b><u>Automotive Service Technology (8709400)</u></b> Automotive Service Technology 1 (8709410) Automotive Service Technology 2 (8709420) Automotive Service Technology 3 (8709430) Automotive Service Technology 4 (8709440)</p>	<p><b><u>7264: PSAV in Automotive Service Technology</u></b> AER 0930 Automotive Skills Development Lab (3) Minimum 20 vocational credit hours (5 hours per exam) Must pass NATEF end of program exams (minimum of 4)</p>	<p align="center">23 Vocational Credits</p>
<p><b>ALIGNED INDUSTRY CERTIFICATIONS FOR: Automotive Service Technology (8709400)</b></p> <p>NIASE005 Transmissions NIASE007 Brakes NIASE008 Electrical NIASE009 Engine Performance NIASE010 Engine Repair NIASE011 Heat/AC NIASE012 Drive Train NIASE014 Steering</p>	<p><b><u>NIASE005 Transmissions</u></b> AER0299 Automatic Transmissions/ Axles (3) <b><u>NIASE007 Brakes</u></b> AER0593C Brake Systems (3) <b><u>NIASE008 Electrical</u></b> AER0691C Auto Electrical Systems I (3) <b><u>NIASE009 Engine Performance</u></b> AER0891C Engine Performance I (3) <b><u>NIASE010 Engine Repair</u></b> AER0190C Engine Repair (3) <b><u>NIASE011 Heat/AC</u></b> AER0797C Air Conditioning and Heating (3) <b><u>NIASE012 Drive Train</u></b> AER0399 Manual Transmissions/ Drive Lines (3) <b><u>NIASE014 Steering</u></b> AER0499 Steering/ Suspension and Alignment (3)</p>	<p align="center">3 to 24</p>

\*Business Technology Ed Core = Computing for College and Careers (8209020) or Introduction to Information Technology (8207310). This course is an elective in ALL programs of study except business programs.

**NOTES:**

- Students must complete three or more of the offered courses to be considered a concentrator. Courses should be sequenced and taken in consecutive years.
- Unless a student passes the articulated Industry Certification from the Statewide Gold Standard Articulation, then the student must take and pass the college level credit by exam. Students will then receive a college transcript with the corresponding course.
- If additional courses are taken in the Career Pathway program of study, additional college credits may be earned.
- An average of 3.0 GPA in program of study coursework must be maintained to attain college credit.
- Coursework must have been completed within three years to be awarded Career Pathways credit.

# **Addendum**

**to Item N.1. of the**

## **Dual Enrollment Articulation Agreement**

**Between the District Board of Trustees of the College of Central Florida  
and the School Board of Marion County, Florida  
2013-2014**

To assist in supporting a high quality Dual Enrollment program, the College of Central Florida (CF) agrees to share in a portion of the School District's administrative and instructional expenses at the rate of \$35.99 per Dual Enrollment credit hour for courses taught online or at a CF facility. The amount of credit hours to be reimbursed shall be based upon the enrollment records at the College of Central Florida as the keeper of the student's official college transcripts.

IN WITNESS WHEREOF, the School Board of Marion County, Florida and the District Board of Trustees of the College of Central Florida have adopted this Agreement and caused it to be executed by their respective chairmen and chief executive officers in accordance with Section 1007.271, F.S., Dual Enrollment Programs.

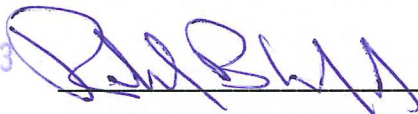
8-28-13



Date

Sandra L. Balfour, Chair, District Board of Trustees  
College of Central Florida

AUG 13 2013



Date

Ronald B. Crawford, Chairman  
The School Board of Marion County, Florida