

**HOWARD COLLEGE
AND
MCDERMOTT HOME SCHOOL**

DUAL CREDIT PARTNERSHIP AGREEMENT

This partnership agreement for the dual credit program between Howard College (HC) and the McDermott Home School (hereinafter referred to as "School District") promotes student access to higher education and describes how the parties will work collaboratively to foster student success throughout the program. This agreement incorporates dual credit requirements outlined in the Texas Administrative Code (TAC) (Chapter 4, Subchapter D, Section 4.84 and Chapter 9, Subchapter H, Section 9.144).

TERMS/AMENDMENTS/REVISIONS

This agreement will become effective on the date the last party executes the agreement and will remain in effect until such time as mutual agreement is made to modify or terminate. This agreement may be amended only by mutual written agreement of both parties.

In keeping with TAC guidelines, HC and the School District hereby agree to the following:

ELIGIBLE COURSES

1. Courses offered for dual credit must be identified as college-level academic courses in the current edition of the Lower Division Academic Course Guide Manual adopted by the THECB or as college-level workforce education courses in the current edition of the Workforce Education Course Manual adopted by the THECB.
2. Courses offered for dual credit must be in the approved course/program inventory for HC.
3. A college course offered for dual credit must be:
 - a. in the core curriculum of HC;
 - b. a career and technical education course; or
 - c. a foreign language course.

EXCEPTIONS:

This provision does not apply to a college course for dual credit offered as part of an approved early college education program established under TEC §29.908 or an early college program as defined below.

Any college course for dual credit offered as part of an early college program must be a core curriculum course of HC, a career and technical education course, a foreign language course, or a course that satisfies specific degree plan requirements leading to the completion of a THECB approved certificate, AA, AS, AAT, AAS degree program, or Field of Study Course (FOSC).

Early College Program: A program developed via an institutional agreement in partnership between a public institution of higher education and high schools or school districts in which a student enrolls in courses that are part of a defined sequence of courses leading to a Board approved certificate, AA, AS, or AAS degree program as defined in Title 19, Part 1, Chapter 9, Rule 9.1 - Definitions of Texas

<u>TYPE OF ASSESSMENT</u>	<u>Minimum</u> scores for Reading & Writing based classes e.g., English/History/ Government	<u>Minimum</u> scores for Reading, Writing and Math based classes e.g., Economics	<u>Minimum</u> scores for Math based classes e.g., College Algebra
PSAT (TSI waiver)	Critical Reading 50 Total (Critical Reading + Math) 107	Critical Reading 50 Math 50 Total (Critical Reading + Math) 107	Math 50 Total (Critical Reading + Math) 107
STAAR EOC (TSI exemption)	PRIOR TO SPRING 2014 English III reading 2000 English III writing 2000 SPRING 2014: Combined English III 4000	PRIOR TO SPRING 2014 English III reading 2000 English III writing 2000 SPRING 2014: Combined English III 4000 & Algebra II 4000	Algebra II 4000
STAAR EOC (TSI waiver)	PRIOR TO SPRING 2014 English II reading 2000 English II writing 2000 SPRING 2014: Combined English II 4000	PRIOR TO SPRING 2014 English II reading 2000 English II writing 2000 SPRING 2014: Combined English II 4000 & Algebra I 4000 Algebra 2 A & B (need ALL FOUR)	Algebra I 4000 Algebra 2 A & B (need ALL THREE)
TSI (Old)	R-351 Writing 5-8	R-351 Writing 5-8	Math 350-390
TSI2 (New)	945 and Essay=5-8 OR 910-944 and DT=5-6 and Essay 5-8	945 and Essay=5-8 OR 910-944 and DT=5-6 and Essay 5-8	950 OR 910-949 and DT=6

3. A high school student is eligible to enroll in **workforce education** dual credit courses contained in a Level 1 certificate program, or a program leading to a credential of less than a Level 1 certificate, at a public junior college or public technical institute and shall not be required to provide demonstration of college readiness or dual credit enrollment eligibility.
4. A high school student is eligible to enroll in **workforce education** dual credit courses contained in a Level 2 certificate or applied associate degree program under the following conditions:
 - a. Courses that require demonstration of TSI college readiness in **reading and/or writing**:
 - i. if the student achieves a minimum score of 4000 on the English II STAAR EOC; or
 - ii. if the student achieves one of the following scores on the PSAT/NMSQT (Mixing or combining scores from the PSAT/NMSQT administered prior to October 15, 2015 and the PSAT/NMSQT administered on or after October 15, 2015 is not allowable.):

- 1) a combined score of 107 with a minimum of 50 on the reading test on a PSAT/NMSQT exam administered prior to October 15, 2015; or
- 2) a score of 460 on the evidence-based reading and writing (EBRW) test on a PSAT/NMSQT exam administered on or after October 15, 2015; or
- iii. if the student achieves a composite score of 23 on the PLAN with a 19 or higher in English or an English score of 435 on the ACT-Aspire.
- b. Courses that require demonstration of TSI college readiness in **mathematics**:
 - i. if the student achieves a minimum score of 4000 on the Algebra I STAAR EOC and passing grade in the Algebra II course; or
 - ii. if the student achieves one of the following scores on the PSAT/NMSQT (Mixing or combining scores from the PSAT/NMSQT administered prior to October 15, 2015 and the PSAT/NMSQT administered on or after October 15, 2015 is not allowable.):
 - 1) a combined score of 107 with a minimum of 50 on the mathematics test on a PSAT/NMSQT exam administered prior to October 15, 2015; or
 - 2) a score of 510 on the mathematics test on a PSAT/NMSQT exam administered on or after October 15, 2015; or
 - iii. if the student achieves a composite score of 23 on the PLAN with a 19 or higher in mathematics or a mathematics score of 431 on the ACT-Aspire.
- c. A student who is exempt from taking TAKS or STAAR EOC assessments may be otherwise evaluated by an institution to determine eligibility for enrolling in workforce education dual credit courses.
5. Students who are enrolled in private or non-accredited secondary schools or who are home-schooled must satisfy paragraphs 1-4 of this section.
6. To be eligible for enrollment in a dual credit course, students must meet all the college's regular prerequisite requirements designated for that course (e.g., minimum score on a specified placement test, minimum grade in a specified previous course, etc.).
7. HC may impose additional requirements for enrollment in courses for dual credit that do not conflict with this section.

LOCATION AND STUDENT COMPOSITION OF CLASS

1. Dual credit courses may be taught on the college campus, on the high school campus, or electronically. For dual credit courses taught exclusively to high school students on the high school campus and for dual credit courses taught electronically, HC will comply with applicable THECB rules and procedures for offering courses at a distance.
2. Courses may be composed of dual credit students only or of dual and college credit students. Exceptions for a mixed class, which would also include high school credit-only students, may be allowed when the creation of a high school credit-only class is not financially viable for the high school and only under one of the following conditions:
 - a. If the course involved is required for completion under the State Board of Education High School Program graduation requirements, and the high school involved is otherwise unable to offer such a course.
 - b. If the high school credit-only students are College Board Advanced Placement students.
 - c. If the course is a career and technology/college workforce education course and the high school credit-only students are earning articulated college credit.

FACULTY SELECTION, SUPERVISION, AND EVALUATION

1. HC shall select instructors of dual credit courses. These instructors must be regularly employed faculty members of the college or must meet the same standards (including minimal requirements of the Southern Association of Colleges and Schools Commission on Colleges) and approval procedures used by the college to select faculty responsible for teaching the same courses at the main campus of the college.
2. HC shall supervise and evaluate instructors of dual credit courses using the same or comparable procedures used for faculty at the main campus of the college.
3. Official transcripts of instructors must be kept on file at HC.

COURSE CURRICULUM, INSTRUCTION, AND GRADING

1. HC shall ensure that a dual credit course and the corresponding course offered at the main campus of the college are equivalent with respect to the curriculum, materials, instruction, rigor, and method of student evaluation. These standards must be upheld regardless of the student composition of the class.
2. Identified course outcomes/learning objectives must meet all college requirements, including procedures for assessment and reporting.
3. College-level courses may include controversial, sensitive, and/or adult material. Students are expected to have the readiness for college-level rigor and content.
4. Courses which result in college-level credit will follow the standard grading practices of HC, as identified in HC policy and as set forth in the appropriate course syllabus.
5. HC will provide letter and numerical grades for students enrolled in dual credit courses.
6. HC will provide six-week progress reports as requested by the School District.
7. Faculty teaching dual credit courses are responsible for keeping appropriate records, certifying census day rosters, submitting syllabi, providing interim reports, certifying final grade reports, certifying attendance, submitting student learning outcome assessment reports, and providing other reports and information as may be required by HC and/or the School District and will adhere to the deadlines established for each report.

ACADEMIC POLICIES AND STUDENT SUPPORT SERVICES

1. Academic policies applicable to courses taught on the college campus also apply to dual credit courses. These policies include the appeal process for disputed grades, drop policy, the communication of grading policy to students, when the syllabus must be distributed, etc. Students should refer to the HC Student Handbook, HC Catalog, and course syllabus.
2. Students in dual credit courses at HC are eligible to utilize the same or comparable support services that are afforded college students on the main campus. HC will ensure timely and efficient access to such services (e.g., academic advising and counseling), to learning materials (e.g., library resources), and to other benefits for which the student may be eligible.
3. Students are required to file a degree plan not later than the end of the second regular semester or term immediately following the semester or term in which the student completes 15 or more semester credit hours. If a student begins at an institution with more than 15 semester credit hours of dual credit, the student has until the end of the students second regular semester or term to file a degree plan.

TRANSCRIPTING OF CREDIT

For dual credit courses, HC will transcript the college credit immediately upon a student's

completion of the performance required in the course.

FUNDING AND COMPENSATION

1. The state funding for dual credit courses will be available to both the public school and HC based on the current funding rules of the State Board of Education and the THECB.
2. HC may claim funding for dual credit students getting college credit in core curriculum, career and technical education, foreign language, field of study, and programs of study dual credit courses.

COURSE COSTS

1. Dual credit students will be charged for courses as outlined in the HC Catalog (tuition, fees, additional charges, etc.) and will be required to purchase course materials as/if assigned by the instructor.
2. HC will strive to utilize free and low cost open educational resources in dual credit courses when possible.
3. HC and the School District agree that tuition and fees which are to be paid by the student are due and payable in full at the time of registration. If the School District alone is to be responsible for payment of a student's tuition and fees, HC agrees to bill the School District immediately following registration. The School District agrees to settle all account receivables with HC within 30 days of the billing date. Students whose tuition and fees are not paid by the official college census day of the class or who do not have a valid account receivable as of the official college census date will be dropped from the college class.
4. If for any reason it becomes necessary for a student to drop a course, HC and the School District agree that it is the responsibility of the student to officially withdraw from the course through the admissions office at HC. Tuition and fees will be refunded according to the official refund policy found in the HC Catalog. Tuition and fees paid directly to HC by the School District, sponsor, donor, or scholarship fund will be refunded to the source rather than directly to the student.
5. If the School District is covering student expenses (tuition, fees, textbooks, transportation, etc.), the School District will provide this information to students, along with any stipulations for receiving this assistance.
6. If an HC instructor travels outside the city limits of the college campus to teach a course at the School District, the School District will reimburse HC the mileage at the current HC mileage reimbursement rate. HC will bill the School District the last month of the semester. Payment will be due prior to final day of class.

RELEASE OF STUDENT ACADEMIC INFORMATION

1. HC and the School District may release student information to another institution of higher education for purposes of transferring course credit or awarding course credit in accordance with federal privacy laws.
2. Student data may be shared through an electronic data sharing or exchange platform operated by an agent of HC or the School District that meets nationally accepted standards, conventions, and practices.

COMPLIANCE

HC and the School District agree to:

1. Certify that their sites are ADA compliant.
2. Comply with all applicable provisions of the Family Education Rights and Privacy Act.
3. Comply with all applicable guidelines, standards and requirements in the offering of the programs, including but not limited to regulations promulgated by the Texas Higher Education

Coordinating Board (THECB), the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC), and the Texas Education Agency (TEA).

PROGRAM COMMITMENTS AND RESPONSIBILITIES

In alignment with the statewide goals established by House Bill 1638 (85th Legislature, Regular Session), and as codified in Texas Education Code, Section 28.009 (b-1) and (b-2), HC and the School District commit to:

1. Implement purposeful and collaborative outreach efforts to inform all students and parents of the benefits and costs of dual credit, including enrollment and fee policies.

HC Responsibilities

- Provide student and parent informational sessions.
- Provide current course and program information for high school counselors to use.
- Be available by phone and/or email to answer questions from high school officials, students, and/or parents.
- Maintain current dual credit information on college website.

School District Responsibilities

- Schedule student and parent informational sessions in coordination with HC and require attendance by students and parents.
- Keep HC informed of questions and/or concerns raised by students and/or parents.
- Collaborate with HC regarding new and innovative ways of marketing the dual credit program.
- Maintain current dual credit information on the school district's website.

2. Assist high school students in the successful transition to and acceleration through postsecondary education.

HC Responsibilities

- Collaborate with the School District to align dual credit courses and programs with high school endorsements.
- Collaborate with School District on developing a schedule of classes that builds pathways for students that lead to successful program completion.
- Assist students in completion of the admission and registration process.
- Provide academic advising which includes placing students in courses that lead to program completion in a timely manner and align with students' career goals.
- Maintain knowledge of transfer requirements at four-year institutions and assist students in the transfer process.
- In collaboration with the School District, analyze student data (disaggregated by student sub- population) including student enrollment in postsecondary after high school; time to degree completion; and semester credit hours to degree. Utilize the results to make changes for improving outcomes.

School District Responsibilities

- Collaborate with HC on developing a dual credit schedule of courses that meets students career goals and promotes efficient and effective transfer opportunities.

- Provide official high school transcripts, test scores, and such certifications that may be required by HC during the admission and registration process.
 - Assist students in completing admission and registration.
 - Work with HC in developing a class schedule at least one semester in advance of offering the course(s).
 - In collaboration with HC, analyze student data (disaggregated by student sub-population) including student enrollment in postsecondary after high school; time to degree completion; and semester credit hours to degree. Utilize the results to make changes for improving outcomes.
3. Ensure all dual credit students will receive academic and college readiness advising with access to student support services to bridge them successfully into college course completion.

HC Responsibilities

- Provide academic advising and career development in collaboration with the School District.
- HC will designate at least one employee as responsible for providing academic advising to a student who enrolls in a dual credit course before the student begins the course.
- HC will provide an orientation/training for online learning.
- Make students aware of support services available.
- Utilize the early alert procedures for identifying students in need of academic assistance.
- Provide tutoring opportunities.
- In collaboration with the School District, analyze student data (disaggregated by student sub- population) including student enrollment in postsecondary after high school; time to degree completion; and semester credit hours to degree. Utilize the results to make changes for improving outcomes.

School District Responsibilities

- Collaborate with HC in developing advising and career development procedures that support student readiness.
 - Communicate with HC regarding student needs.
 - Allow HC to provide support services on the high school site as/if needed and appropriate.
 - Allow HC to meet with students individually as needed to discuss academic progress.
 - In collaboration with HC, analyze student data (disaggregated by student sub-population) including student enrollment in postsecondary after high school; time to degree completion; and semester credit hours to degree. Utilize the results to make changes for improving outcomes.
4. Maintain quality and rigor of dual credit courses to ensure student success in subsequent courses.

HC Responsibilities

- Credential and hire qualified faculty to teach dual credit courses.
- Provide adjunct training.
- Provide support and training for teachers.
- Provide HC advisors for students and to help high school counselors as needed.
- Provide students access to tutoring services.
- Provide students access to learning resources.
- Conduct class observations of dual credit faculty.

- Keep dual credit faculty informed of professional development opportunities.
- Provide dual credit students the opportunity to evaluate instructors.
- Analyze student performance in subsequent courses and collaborate with the School District on improvement strategies as needed.

School District Responsibilities

- Ensure dual credit courses taught by high school instructors meet the contact hours required and that extracurricular activities do not interfere with students completing the required contact hours.
- Ensure that students have the required instructional materials prior to the start of class.
- High school instructors teaching dual credit courses will:
 - attend the adjunct faculty meeting held at the beginning of each semester.
 - attend training at HC as necessary.
 - maintain college-level rigor in the course and follow the curriculum provided by HC.
 - conduct student learning outcome assessment and submit outcome reports as directed by HC.
 - submit rosters, grades, and other required documents and reports on time.
 - Participate in professional development activities as requested. Some professional development activities may be required.
- Analyze student performance in subsequent courses and collaborate with HC on improvement strategies as needed.

DEFINED SEQUENCE OF COURSES AND COURSE EQUIVALENCY CROSSWALK

The pages following the signature page include degree plans and course crosswalks for the transfer associate degrees and course crosswalks for career technical education. These can be modified to fit specific program needs.

1. Four Year Plan – Associate Degree
2. 42 Hour Core Curriculum
3. Four Year Plan - 42 Hour Core Curriculum with Endorsement
4. Core Curriculum Course Crosswalk
5. Career Technical Education Course Crosswalk

Day Spahr Dual Credit Coordinator 8/16/22
 Designated Howard College Official/Title Date

Lynn McQuinn Administrator Aug 15, 2022
 Designated High School Official/Title Date

Updated August 18, 2021

HOWARD COLLEGE

General Studies 42 Hour Curriculum

42 hour Core Curriculum	SCH	HC Courses	HS Equivalent	Credit	PEIMS Code
Communication (Eng Rhetoric & Comp)	3	ENGL 1301 Composition I	Eng. 3 or 4 A	0.5	3220300 / 03220400
Communication (Eng Rhetoric & Comp)	3	ENGL 1302 Composition II	Eng. 4 A or B	0.5	03220400
Math	3	MATH 1314 College Algebra	Alg. 2B/ PrecalB / Ind. St. Math X tim	0.5	03100600/03101100/0310250X
Life & Physical Sci	3	from chosen major	see core curriculum transfer courses	0.5	see core curriculum transfer courses
Life & Physical Sci	3	from chosen major	see core curriculum transfer courses	0.5	see core curriculum transfer courses
Lang, Philo, & Culture	3	from chosen major	see core curriculum transfer courses	0.5	see core curriculum transfer courses
Creative Arts	3	from chosen major	see core curriculum transfer courses	0.5	see core curriculum transfer courses
American History	3	HIST 1301 US History I	US Hist. A	0.5	03340100
American History	3	HIST 1302 US History II	US Hist B	0.5	03340100
Government/Poly Sci	3	GOVT 2305 Federal Govt.	US Govt.	0.5	03330100
Government/Poly Sci	3	GOVT 2306 Texas Govt.	Sp. Topics in Soc. Studies X time	0.5	033800XX
Social & Behavioral Sci	3	from chosen major	see core curriculum transfer courses	0.5	see core curriculum transfer courses
Add. Communication (Speech/Modern Lang.)	3	SPCH 1315 Public Speaking	Public Speaking	0.5	03240900
Add. Core Curriculum Course	3	from chosen major	see core curriculum transfer courses	0.5	see core curriculum transfer courses
42 hour Core Curriculum	42			7	

Additional 18 Hours for Associate of Arts or Associate of Science Transfer Degrees

Learning Framework	1	EDUC 1100	none		none
Life & Phys Sci lab	1	w/above Life & Phys. Science	none		none
Life & Phys Sci lab	1	w/above Life & Phys. Science	none		none
Elective	3	from chosen major	see core curriculum transfer courses	0.5	see core curriculum transfer courses
Elective	3	from chosen major	see core curriculum transfer courses	0.5	see core curriculum transfer courses
Elective	3	from chosen major	see core curriculum transfer courses	0.5	see core curriculum transfer courses
Elective	3	from chosen major	see core curriculum transfer courses	0.5	see core curriculum transfer courses
Elective	3	from chosen major	see core curriculum transfer courses	0.5	see core curriculum transfer courses
Add hrs. for General Studies Assoc.	18				
Total	60			2.5	

HOWARD COLLEGE

Path to 42 Hour Core Curriculum - Four Year Plan with Endorsement

Name: _____ ID# _____ Exp. Grad. Date _____

Graduation Plans		
Discipline	FHSP w/Endorsement	Distinguished FHSP w/Endorsement
English	4	4
Math	3	4 (Must incl. Alg.2)
Science	3	4
Social Studies	3	3
Foreign Language	2	2
Fine Arts	1	1
Phys Ed	1	1
Speech proficiency	proficiency to total 26	proficiency to total 26
Electives		
Total Credits for Graduation	26	26

Readiness Indicators	
<u>Testing</u>	<u>College Prep Courses</u>
___ PSAT	___ Math
___ ACT	___ Reading
___ SAT	___ Writing
<u>College Readiness - TSI</u>	
___ Math	
___ Reading	
___ Writing	

	9th Grade	10th Grade	11th Grade	12th Grade
1	English 1	English 2	Eng. 3	ENGL 1301 / ENGL 1302
2	Algebra 1	Geom	Alg. 2	Precal A / MATH 1314
3	Biology	Chemistry	Physics / PT/ Anatomy	Physics / PT / Anatomy
4	W. Geography	HIST 1301 / HIST 1302	CCT Lang, Philo, & Culture / CCT Add. Core	GOVT 2305 / economics
5	CCT Creative Art / SPCH 1315	LOTE 1	LOTE 2	CCT Life & PhysSci w/lab/CCT Life & PhysSci w/lab
6	Ath/PE	Elective	CCT Soc & Behav Sci / GOVT 2306	Elective
7	Band/Art	Elective	Elective	Elective
8	Endorsement Elective	Endorsement Elective	Endorsement Elective	Endorsement Elective
	SCH 3 F / 3Sp	SCH 3F / 3Sp	SCH 6F / 6Sp	SCH 9F / 9Sp
	Total SCH 6	Total SCH 12	Total SCH 24	Total SCH 42

CCT = HC Core Curriculum Transfer Courses

HOWARD COLLEGE

4 yr Plan - Transfer Associate Degree

	9th Grade	10th Grade	11th Grade	12th Grade
1	English 1	English 2	Eng. 3	ENGL 1301 / ENGL 1302
2	Algebra 1	Geom	Alg. 2	Precal A / MATH 1314
3	Biology	Chemistry	Physics / PT/ Anatomy	Physics / PT / Anatomy
4	W. Geography	HIST 1301 / HIST 1302	CCT Lang, Philo, & Culture / CCT Add. Core	GOVT 2305 / economics
5	CCT Creative Art / SPCH 1315	CCT Chosen maj. / CCT Chosen maj.	CCT Chosen maj. / CCT Chosen maj.	CCT Life & PhysSci w/lab/CCT Life & PhysSci w/lab
6	/ CCT Soc. & Behav. Sci	LOTE 1	GOVT 2306 / CCT Chosen maj.	Elective
7	Ath / PE / Band	Elective	LOTE 2	Elective
8	Endorsement Elective	Endorsement Elective	Endorsement Elective	Endorsement Elective
EDUC 1100 Education Framework (+1)				
SCH 3F / 6 Sp (9+1)		Total SCH 10	SCH 9 F / 9 Sp (18)	Total SCH 40
		SCH 6F / 6 Sp (12)	Total SCH 22	SCH 10F / 10 Sp (20)
		Total SCH 10	Total SCH 40	Total SCH 60

CCT = HC Core Curriculum Transfer Courses

Associate of Arts in Teaching (AAT)	
Teaching Certificates EC-6th; 4-8; SpEd EC-12	
42	Core curriculum
3	EDUC 1301 - Intro to Teaching Profession
3	EDUC 2301 - Intro to Special Populations
3	MATH 1350 - Mathematics for Teachers I
3	MATH 1351 - Mathematics for Teachers II OR 3 SCH equiv.
6	6 SCH Science beyond core curriculum
60	Total
Teaching Certificates 6-12; 7-12; 8-12; EC-12 not SpEd	
42	Core curriculum
3	EDUC 1301 - Intro to Teaching Profession
3	EDUC 2301 - Intro to Special Populations
12	12 SCH Content area teaching fields/academic discipline
60	Total

For Texas Tech Transfer Only

Additional 6 hours for AAT & Tech Teach

GEOG 1301 - Physical Geography
3 SCH History

Howard College Core Curriculum - Transfer Courses

From TEA Dual Credit FAQs: The college is responsible for the content material of a college course and awards college credit upon successful completion of the course. (#8) The public school is responsible for ensuring that the student has an opportunity to master the Texas Essential Knowledge & Skills (TEKS) and is responsible for determining the specific credit that will be awarded for the college course. (#8 & #18) Students may earn at least 1/2 credit toward a high school course for a one-semester college course. (#17)

Foundational Component Area		SCH	HS Course Title Option	credit	PEIMS
Communication (Eng. Rhetoric/Comp) - 6 SCH					
Required	ENGL 1301 Composition I	3	Eng. 3A / Eng. 4A	0.5	03220300 / 03220400
Required	ENGL 1302 Composition II	3	Eng. 4A / Eng. 4B	0.5	03220400
	ENGL 2311 Technical and Business Writing	3			
Mathematics - 3 SCH					
Select 1	MATH 1314 - College Algebra	3	Alg. 2B/ PrecalB / Ind. St. Math X time	0.5	03100600/03101100/0310250X
	MATH 1316 - Plane Trigonometry	3	Precal A / Ind St. Math X time	0.5	03101100 / 0310250X
	MATH 1324 - Mathematics for Business & Social Sciences	3	Alg. 2A / Ind. St. Math X time	0.5	03100600 / 0310250X
	MATH 1325 - Calculus for Business & Social Science	3	Ind. St. Math X time	0.5	0310250X
	MATH 1332 - Contemporary Mathematics I	3	Ind. St. Math X time/Quantitative Reas.	0.5	0310250X / 03102510
	MATH 1342 - Elementary Statistical Methods	3	Statistics / Ind. St. Math X time	0.5	03102530 / 0310250X
	MATH 1442 - Elementary Statistical Methods	4	Statistics / Ind. St. Math X time	0.5	03102530 / 0310250X
	MATH 2312 - Pre-Calculus Math	3	Pre-Calculus / Ind. St. Math X time	0.5	03101100 / 0310250X
	MATH 2412 - Pre-Calculus Math	4	Pre-Calculus / Ind. St. Math X time	0.5	03101100 / 0310250X
	MATH 2313 - Calculus I	3	Ind. St. Math X time	0.5	0310250X
	MATH 2413 - Calculus I	4	Ind. St. Math X time	0.5	0310250X
Life & Physical Sciences - 6 SCH					
Select 2	AGRI 1307, Agronomy	3			
	AGRI 1315 - Horticulture	3			
	AGRI 1415 - Horticulture (lecture + lab)	4	Horticultural Science (CTE)	0.5	13002000
	AGRI 1319 - Introductory Animal Science	3	Advanced Animal Science	0.5	13000700
	BIOL 1406 - Biology for Science Majors I (w/lab)	4	Biology A	0.5	03010200
	BIOL 1306 - Biology for Science Majors I	3	Biology A	0.5	03010200
	BIOL 1407 - Biology for Science Majors II (w/ lab)	4	Biology B	0.5	03010200
	BIOL 1307 - Biology for Science Majors II	3	Biology B	0.5	03010200
	BIOL 1408 - Biology for Non-Science Majors I (w/lab)	4	Biology A	0.5	03010200
	BIOL 1308 - Biology for Non-Science Majors I	3	Biology A	0.5	03010200
	BIOL 1409 - Biology for Non-Science Majors II (w/lab)	4	Biology B	0.5	03010200
	BIOL 1309 - Biology for Non-Science Majors II	3	Biology B	0.5	03010200
	BIOL 2401 - Anatomy and Physiology I (w/lab)	4	Anatomy & Physiology A	0.5	13020600
	BIOL 2301 - Anatomy and Physiology I	3	Anatomy & Physiology A	0.5	13020600
	BIOL 2402 - Anatomy and Physiology II (w/lab)	4	Anatomy & Physiology B	0.5	13020600
	BIOL 2302 - Anatomy and Physiology II	3	Anatomy & Physiology B	0.5	13020600
	BIOL 2420 - Microbiology for Non-Science Majors (w/lab)	4			
	BIOL 2320 - Microbiology for Non-Science Majors	3			
	CHEM 1405 - Introductory Chemistry I (w/lab)	4	Chemistry A	0.5	03040000

CHEM 1305 - Introductory Chemistry I	3	Chemistry A	0.5	03040000
CHEM 1411 - General Chemistry I (w/lab)	4	Chemistry A/B	0.5	03040000
CHEM 1311 - General Chemistry I	3	Chemistry A/B	0.5	03040000
CHEM 1412 - General Chemistry II (w/lab)	4	Chemistry B	0.5	03040000
CHEM 1312 - General Chemistry II	3	Chemistry B	0.5	03040000
CHEM 2423 - Organic Chemistry I (w/lab)	4			
CHEM 2323 - Organic Chemistry I	3			
CHEM 2425 - Organic Chemistry II (w/lab)	4			
CHEM 2325 - Organic Chemistry II	3			
GEOG 1301 - Physical Geography	3	Earth & Space Sci / W. Geography	0.5	3060200 / 03320100
GEOG 1401 - Earth Sciences for Non-Science Majors I	4	Earth & Space Sci	0.5	03060200
PHYS 1401 - College Physics I (w/lab)	4	Physics	0.5	03050000
PHYS 1301 - College Physics I	3	Physics	0.5	03050000
PHYS 1402 - College Physics II (w/lab)	4	Physics	0.5	03050000
PHYS 1302 - College Physics II	3	Physics	0.5	03050000
PHYS 1403 - Stars and Galaxies (w/lab)	4	Astronomy / Earth & Space Sci	0.5	3060100 / 03060200
PHYS 1303 - Stars and Galaxies	3	Astronomy / Earth & Space Sci	0.5	3060100 / 03060200
PHYS 1404 - Solar System (w/lab)	4	Astronomy	0.5	03060100
PHYS 1304 - Solar System	3	Astronomy	0.5	03060100
PHYS 2325 - University Physics I	3			
PHYS 2326 - University Physics II	3			

Language, Philosophy, and Culture (Humanities) – 3 SCH

ENGL 2321 – British Literature	3	Eng. 4B	0.5	03220400
ENGL 2322 - British Literature I	3	Eng. 4B	0.5	03220400
ENGL 2323 - British Literature II	3	Ind. St. in English X time	0.5	032218XX
ENGL 2326 - American Literature	3	Eng. 3B	0.5	03220300
ENGL 2327 - American Literature I	3	Eng. 3B	0.5	03220300
ENGL 2328 - American Literature II	3	Ind. St. in English X time	0.5	032218XX
ENGL 2332 - World Literature I	3	Ind. St. in English X time	0.5	032218XX
ENGL 2333 - World Literature II	3	Ind. St. in English X time	0.5	032218XX
ENGL 2351 - Mexican-American Literature	3	Ind. St. in English X time	0.5	032218XX
HIST 2311 - Western Civilization I	3	World Hist.	0.5	03340400
HIST 2312 - Western Civilization II	3	World Hist.	0.5	03340400
HUMA 1301 - Introduction to Humanities I	3			
HUMA 1305 - Introduction to Mexican-American Studies	3	Special Topics in Soc. Studies X time	0.5	033800XX
HUMA 2323 - World Cultures	3	Special Topics in Soc. Studies X time	0.5	033800XX
PHIL 1304 - Introduction to World Religions	3	Special Topics in Soc. Studies X time	0.5	033800XX
PHIL 2306 - Introduction to Ethics	3			
SGNL 2301 - Intermediate American Sign Language I (3rd Semester ASL)	3	ASL 2A	0.5	03980200
SGNL 2302 - Intermediate American Sign Language II (4th Semester ASL)	3	ASL 2B	0.5	03980200
SPAN 2311 - Intermediate Spanish I (3rd Semester Spanish)	3	Spanish 2A	0.5	03440200
SPAN 2312 - Intermediate Spanish II (4th Semester Spanish)	3	Spanish 2B	0.5	03440200

Creative Arts - 3SCH

Select 1	ARTS 1301 - Art Appreciation	3	Art Appreciation	0.5	03500110
	ARTS 1303 - Art History I	3			
	ARTS 1304 - Art History II	3			
	ARTS 1313 - Foundations of Art	3			
	DANC 2303 - Dance Appreciation	3			
	DRAM 1310 - Theater Appreciation	3	Theatre I	0.5	03250100
	DRAM 2361 - History of the Theater I	3	Theatre I	0.5	03250100
	DRAM 2366 - Film Appreciation	3	Theatre I, II	0.5	03250X00
	MUSI 1306 - Music Appreciation	3	Music Appreciation	0.5	03155600
	MUSI 1308 - Music Literature I	3	Music Appreciation	0.5	03155600

American History - 6SCH

Select 2	HIST 1301 - United States History I	3	US Hist. A	0.5	03340100
	HIST 1302 - United States History II	3	US Hist B	0.5	03340100
	HIST 2327 - Mexican-American History	3	Special Topics in Soc. Studies X time	0.5	033800XX

Government / Political Science - 6SCH

Required	GOVT 2305 - Federal Government	3	US Govt.	0.5	03330100
Required	GOVT 2306 - Texas Government	3	Special Topics in Soc. Studies X time	0.5	033800XX

Social & Behavioral Sciences - 3SCH

Select 1	AGRI 2317 - Introduction to Agricultural Economics	3			
	ANTH 2346 - General Anthropology	3			
	CRIJ 1307 - Crime in America	3			
	ECON 2301 - Principles of Macroeconomics	3	Economics Adv. Studies X Time	0.5	03310301
	ECON 2302 - Principles of Microeconomics	3	Economics	0.5	03310300
	PSYC 2301 - General Psychology	3	Psychology	0.5	03350100
	PSYC 2314 - Lifespan Growth and Development	3	Health / Human Growth & Dev	0.5	03810100 / 13014300
	PSYC 2315 - Psychology of Adjustment	3			
	PSYC 2319 - Social Psychology	3			
	SOCI 1301 - Introduction to Sociology	3	Sociology	0.5	03370100
	SOCI 1306 - Social Problems	3			
	SOCI 2336 - Criminology	3			

Additional Communication (Speech/Modern Language) - 3SCH

	SPCH 1315 - Public Speaking I	3	Public Speaking	0.5	03240900
	SPCH 1321 - Business and Professional Communications	3			

Additional Core Curriculum Course - 3SCH

	One from any of the foundational component areas listed above	3			
	OR				
	Calculus II (MATH 2313 or MATH 2414)		Ind. St. Math X time	0.5	0310250X

Howard College Career Technical Education Course Crosswalk

HC Course	TEA CTE Course Option	PEIMS #	CREDITS
ACCT 2301- Prin of Financial Acct	Accounting II	13016700	0.5
ACCT 2302 - Prin of Managerial Acct	Accounting II	13016700	0.5
ACNT 1303 - Intro to Acct.	Accounting I	13016600	0.5
ACNT 1304- Intro to Acct. II	Accounting I	13016600	0.5
ACNT 1313 Computerized Acct (Quick Books)	Accounting I	13016600	0.5
AGAH 1301 Animal Science	Livestock Production	13000300	0.5
AGAH 1343 - Animal Health	Livestock Production	13000300	0.5
AGAH 1353 - Beef Cattle Production	Livestock Production	13000300	0.5
AGAH 1357 - Swine Production	Livestock Production	13000300	0.5
AGAH 1401 - Animal Science	Advanced Animal Science	13000700	0.5
AGAH 1441 - Sheep and Goat Production	Livestock Production	13000300	0.5
AGCR 1307 - Range Management	Range Ecology & Management	13001600	0.5
AGCR 2301 - Agricultural Chemicals			0.5
AGEQ 1411 Equine Science	Equine Science	13000500	0.5
AGME 1415 Farm & Ranch Shop Skills	Ag Mech / Metal Tech	13002200	0.5
AGMG 1311 Intro to Agribusiness	Agribusiness Management & Mktng	13000900	0.5
AGMG 1344 Agricultural Records Management	Agribusiness Management & Mktng	13000900	0.5
AGMG 2389 - Internship - Agribusiness / Agricultural Business Operations	Practicum in Ag, Food, Natural Res	13002505	0.5
AGRI 1131 The Agriculture Industry	Prin of Agriculture, Food & Natural Resources	13000200	0.5
AGRI 1319 - Introductory Animal Science	Advanced Animal Science	13000700	0.5
AGRI 1325 Marketing of Agriculture Products	Agribusiness Management & Mktng	13000900	0.5
AGRI 1329 - Principles of Food Science	Food Science	13023000	0.5
AGRI 1407 Agronomy	Adv. Plant & Soil Science	13002100	0.5
AGRI 1415 - Horticulture (lecture + lab)	Horticultural Science	13002000	0.5
AGRI 1419 Introductory Animal Science	Advanced Animal Science	13000700	0.5
AGRI 2303 - Agricultural Construction I	Agricultural Structures Design & Fabrication	13002300	0.5
AGRI 2321 - Livestock Evaluation I	Livestock Production	13000300	0.5
AGRI 2330 - Wildlife Conservation & Manage.	Wildlife, Fisheries & Ecology	13001500	0.5
ARCE1352 Structural Drafting	Construction Management I	13004900	0.5
ARTC 1302 - Digital Imaging I	Digital Media	13027800	0.5
ARTC 1305 Basic Graphic Design	Graphic Design & Illustration	13008800	0.5

ARTC 1313 Digital Publishing I	Printing & Imaging Tech	13009600	0.5
ARTC 1325 Intro Computer Graphics	Graphic Design & Illustration	13008800	0.5
ARTC 1353 Computer Illustration	Graphic Design & Illustration II	13008900	0.5
ARTC 1405 - Basic Graphic Design	Graphic Design & Illustration	13008800	0.5
ARTC 2335 Portfolio Dev. Graphic Design	Practicum Graphic Design I	13009000	0.5
ARTC 2413 Digital Publishing II	Printing & Imaging Tech II	13009700	0.5
ARTV 1303 Basic Animation	Animation II	13008400	0.5
ARTV 1351 or 1451 Digital Video	Audio/Video Production II	13008600	0.5
BCIS 1305 - Business Computer Applications	Business Information Management	13011400	0.5
BCIS 1405 - Business Computer Applications	Business Information Management	13011400	0.5
BMGT 1327 - Principles of Management	Business Management	13012100	0.5
BUSG 1304 Financial Literacy	Money Matters	13016200	0.5
BUSG 2305 Business Law/Contracts	Business Law	13011700	0.5
BUSG 2309 Small Business Management/Entrepreneurship	Entrepreneurship	13034400	0.5
BUSI 1301 - Business Principles	Prin of Business, Mktg & Finance	13011200	0.5
BUSI 2301 - Business Law	Business Law	13011700	0.5
BUSI 2304 - Business Report Wrtnng & Correspondence	Business English (needs elec. portfolio, analytical essay, operation manuals)	13011600	0.5
CBFM 1411 - Building Maintenance I	Building Maintenance Tech II	13005500	0.5
CDEC 1313 - Curr. Res. for Early Childhood Programs	Instructional Practices	13014400	0.5
CDEC 1319 - Child Guidance	Child Guidance	13024800	0.5
CDEC 1321 - The Infant and Toddler	Child Development (incl. TECA 1354)	13024700	0.5
CDEC 1354 Child Growth & Development	Child Development	13024700	0.5
CDEC 1380 Cooperative Ed -Child Care Prov./Asst	Practicum in Human Services	13025000	0.5
CETT 1402 - Electricity Principles	AC/DC Electronics	13036800	0.5
CETT 1409 - DC-AC Circuits	AC/DC Electronics	13036800	0.5
CHEF 1205 Sanitation & Safety	Food Technology & Safety	13001300	0.5
CJLE 1325 Criminal Justice Survey	Prin Law, Public Safety, Corr & Security	13029200	0.5
CJSA 1348 - Ethics in Criminal Justice	Law Enforcement II	13029400	0.5
CJSA 1351 Use of Force	Law Enforcement II	13029400	0.5
CNBT 1300 - Residential and Light Commercial Blueprint Reading	Construction Tech I	13005100	0.5
CNBT 1301 – Intro. to the Constr. Industry	Construction Management I	13004900	0.5
CNBT 1302 - Mechanical, Plumbing & Electrical Systems in Construction I	Principles of Construction	13004220	0.5
CNBT 1313 - Concrete I	Part of Masonry Tech I	13006300	0.5

CNBT 1316 - Construction Technology I	Construction Tech I	13005100	0.5
CNBT 1342 Building Codes & Inspection	Construction Tech I	13005100	0.5
CNBT 1350 - Construction Technology II	Construction Tech I	13005100	0.5
CNBT 1413 - Concrete I	Part of Masonry Tech I	13006300	0.5
CNBT 2317 - Green Building			0.5
CNBT 2339 - Construction Technology IV	Construction Tech II	13005200	0.5
CNBT 2342 - Construction Management I	Construction Management II	13005000	0.5
COSC 1337 Programming Fundamentals II	Computer Programming I	13027600	0.5
CPMT1311 Intro to Computer Maintenance	Computer Maintenance	13027300	0.5
CPMT 1345 Computer Systems Maintenance	Computer Technician Practicum	13027500	0.5
CPMT 2345 Computer System Troubleshooting	Computer Technician Practicum	13027500	0.5
CRIJ 1301 Intro Crim Justice	Prin Law, Public Safety, Corr & Security	13029200	0.5
CRIJ 1306 Court Systems & Practices	Court Systems & Practices	13029600	0.5
CRIJ 1310 Fund of Criminal Law	Law Enforcement I	13029300	0.5
CRIJ 1313 Juvenile Justice System	Law Enforcement I	13029300	0.5
CRIJ 2301 Comm Resource/Corrections	Correctional Services	13029700	0.5
CRIJ 2313 Correctional Systems	Correctional Services	13029700	0.5
CRIJ 2314 Criminal Investigations	Forensic Science	13029500	0.5
CRIJ 2323 Legal Aspects /Law Enforcement	Federal Law Enforcement & Protective Services	13029800	0.5
CRIJ 2328 Police Sys & Prac	Law Enforcement II	13029400	0.5
CRPT 1329 Into to Carpentry	Prin. Of Manufacturing	13032200	0.5
CRPT 1441 - Exterior Finish Systems	Construction Tech II	13005200	0.5
CRPT 1445 - Interior Finish Systems	Construction Tech II	13005200	0.5
CSME 1401 Orientation Cosme	Intro Cosmetology	13025100	0.5
CSME 1405 Fundamentals Cosme	Cosmetology I	13025200	0.5
CSME 1420 - Orientation to Facial Specialist	Esthetics	N1302533	0.5
CSME 1430 - Orientation to Nail Technology	Nail Care, Enhancements, & Spa Serv	N1302531	0.5
CSME 1441 - Principles of Nail Technology II	Nail Care, Enhancements, & Spa Serv	N1302531	0.5
CSME 1443 - Manicuring & Related Theory	Nail Care, Enhancements, & Spa Serv	N1302531	0.5
CSME 1445 - Principles of Facial / Skin Care Technology II	Esthetics	N1302533	0.5
CSME 1447 Principles of Skin Care	Esthetics	N1302533	0.5
CSME 1451 - Artistry of Hair, Theory and Practice	Cosmetology I	13025200	0.5
CSME 1453 - Chemical Reformation & Related Theory	Cosmetology I	13025200	0.5
CSME 1521 - Principles of Facial & Skin Care Tech. I	Esthetics	N1302533	0.5

CSME 1531 Prin Nail Technology I	Nail Care, Enhancements, & Spa Services	N1302531	0.5
CSME 2310 - Advanced Haircutting and Related Theory	Cosmetology II	13025300	0.5
CSME 2343 - Salon Development	Cosmetology II	13025300	0.5
CSME 2350 - Preparation for the State Licensing Written Examination	Cosmetology II	13025300	0.5
CSME 2401 - The Principles of Hair Coloring and Related Theory	Prin. Cosmetology Design & Color Theory	13025050	0.5
CSME 2439 - Advanced Hair Design	Cosmetology II	13025300	0.5
CSME 2441 - Preparation for State Licensing Examination	Cosmetology II/Cosmetology II Lab	13025310	0.5
CSME 2530 Nail Tech	Nail Care, Enhancements, & Spa Services	N1302531	0.5
DEMR 1329 Preventative Maintenance	Agricultural Power Systems	13002400	0.5
DEMR 1329 Preventative Maintenance	Diesel Equipment Technology I	13040150	0.5
DEMR 1401 Shop Safety & Procedures	Ag Mech & Metal Tech	13002200	0.5
DFTG 1305 - Technical Drafting	Engineering Design & Presentation I	13036500	0.5
DFTG 1315 - Architectural Blueprint Reading	Construction Technology I	13005100	0.5
DFTG 1317 - Architectural Drafting - Residential	Architectural Design	13004600	0.5
DFTG 2340 Solid Modeling Design	Engineering Design & Presentation I	13036500	0.5
EDTC 1301 Educational Systems	Instructional Practices	13014400	0.5
EDUC 1301 Intro Teaching	Prin. Education	13014200	0.5
ELPT 1329 - Residential Wiring	Electrical Technology I	13005600	0.5
ELPT 1345 - Commercial Wiring	Electrical Technology I	13005600	0.5
HALT 1322 Landscape Design	Landscape Design & Mgmt	13001900	0.5
HALT 1424 Turfgrass Science & Mgt	Turfgrass Management	13001950	0.5
HALT 1401 Principles of Horticulture	Horticultural Science	13002000	0.5
HART 1401 Basic Elec for HVAC	HVAC & Refrigeration Technology I	13005800	0.5
HART 1403 Air Conditioning Control Prin	HVAC & Refrigeration Technology I	13005800	0.5
HART 1407 Refrigeration Prin	HVAC & Refrigeration Technology I	13005800	0.5
HART 1441 Residential Air Co	HVAC & Refrigeration Technology II	13005900	0.5
HART 1445 Gas & Elec Heating	HVAC & Refrigeration Technology II	13005900	0.5
HART 2401 AC Codes	HVAC & Refrigeration Technology II	13005900	0.5
HART 2449 - Heat Pumps	HVAC & Refrigeration Technology II	13005900	0.5
HART 2445 - Residential AC Systems Design	HVAC & Refrigeration Technology II	13005900	0.5
HYDR 1305 Basic Hydraulics	Basic Fluid Power	N1303683	0.5
HPRS 1206 - Essentials of Medical Terminology	Medical Terminology	13020300	0.5
HRPO 1311 Human Relations	Human Resources Management	13011900	0.5
HRPO 2301 Human Resource Management	Human Resources Management	13011900	0.5

HRPO 2306 Benefits and Compensation	Human Resources Management	13011900	0.5
IMED 1301 Intro to Digital Media	Digital Media	13027800	0.5
IMED 1316 Web Page Design	Web Technologies	13027900	0.5
IMED 1345 Interactive Media	Animation I	13008300	0.5
IMED 2309 Internet Commerce	Social Media Marketing	13034650	0.5
ITNW 1325 Fundamentals of Networking Technologies	Networking	13027400	0.5
ITNW 2313 Networking Hardware	Networking	13027400	0.5
ITNW 2335 Network Troubleshooting	Networking Lab	13027410	0.5
ITNW 2354 Internet/Intranet Server	Networking	13027400	0.5
ITSC 1305 Intro to PC Operating Systems	Computer Maintenance	13027300	0.5
ITSC 1309 Integrated Software Applications I	Business Information Management I	13011400	0.5
ITSC 1321 Intermediate PC Operating Systems			0.5
ITSC 2386 Internship-Computer & Information Sciences General	Practicum in Information Technology	13028000	0.5
ITSE 1302 Computer Programming	Comp Programming	13027600	0.5
ITSE 2309 Database Programming	Business Information Management I	13011400	0.5
ITSE 2317 Java Programming	Adv. Computer Programming	13027700	0.5
ITSW 2334 Advanced Spreadsheets	Business Information Management II (part)	13011500	0.5
ITSW 2337 Advanced Database	Business Information Management II (part)	13011500	0.5
ITSY 100 Fundamentals of Information Security	Principles of Cybersecurity	N1302810	0.5
MDCA 1160 - Clinical	Practicum in Health Sci	13020500	0.5
MDCA 1302 - Human Disease / Pathophysiology	Pathophysiology	13020800	0.5
MDCA 1309 - Anatomy and Physiology for Medical Assistants	Anatomy & Physiology	13020600	0.5
MDCA 1348 - Pharmacology and Administration of Medications	Pharmacology	13020950	0.5
MDCA 1352 Medical Asst. Lab	Practicum in Health Sci	13020500	0.5
MDCA 1360 - Clinical	Practicum health sci/ extended practicum	13020505	0.5
MDCA 1417 - Procedures in a Clinical Setting	2nd time taken practicum health sci/ extended	13020515	0.5
NURA 1301 Nurse Aid Health	Principles of Health Sci	13020200	0.5
OSHT 1305 - OSHA Regs - Construction Industry	Construction Management I	13004900	0.5
POFI 2301 - Word Processing	Touch System Data Entry	13011300	0.5
POFT 1309 Administrative Office Procedures	Practicum in Business Management	13012200	0.5
POFT 1325 Business Math & Machine Apps	Money Matters	13016200	0.5
PTRT 1307 Recovery & Production Methods	Oil & Gas Production I	13001250	0.5
TECA 1301 Family, School & Community	Family & Community Services	13024900	0.5

TECA 1318 Wellness of the Young Child	Child Guidance	13024800	0.5
TECA 1354 - Child Growth and Development	Child Development (incl CDEC 1321)	13024700	0.5
TECM 1303 Technical Calculations	App. Mathematics for Technical Professions	12701410	0.5
VTHT 1105 - Veterinary Medical Terminology	Veterinary Medical Applications	13000600	0.5
WLDG 1206 - Fundamentals of Gas Tungsten Arc Welding (GTAW)	Welding I	13032300	0.5
WLDG 1323 - Welding Safety, Tools and Equipment	Intro to Welding	13032250	0.5
WLDG 1407 - Intro to Weld-Multi	Intro to Welding	13032250	0.5
WLDG 1412 - Introduction to Flux Cored Arc Welding (FCAW)	Welding I	13032300	0.5
WLDG 1413 - Introduction to Blueprint Reading for Welders	Welding I	13032300	0.5
WLDG 1417 - Intro to Layout & Fabrication	Welding I	13032300	0.5
WLDG 1421 - Welding Fundamentals	Welding I	13032300	0.5
WLDG 1425 - Introduction to Oxy-Fuel Welding and Cutting	Welding II	13032400	0.5
WLDG 1428 Intro to Shielded Metal Arc Welding	Welding II	13032400	0.5
WLDG 1430 - Introduction to Gas Metal Arc Welding (GMAW)	Welding II	13032400	0.5
WLDG 1435 - Introduction to Pipe Welding	Welding II	13032400	0.5
WLDG 2388 - Internship - Welding Technology / Welder	Practicum in Manufacturing	13033000	0.5
WLDG 2432 - Welding Automation	Precision Metal Manufacturing I	13032500	0.5
WLDG 2443 - Adv. Shielded Metal Arc Wldg	Welding II / Welding II Lab	13032410	0.5
WMGT 1305 - Intro to Wildlife Mgmt	Wildlife, Fisheries, & Ecology Mgmt	13001500	0.5
WMGT 1323 Wildlife Conservation & Mgmt	Wildlife, Fisheries, & Ecology Mgmt	13001500	0.5