



Appendices

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APPENDIX I
Ohio Transfer Module

The Ohio Department of Higher Education’s Articulation and Transfer Policy established the Ohio Transfer Module, which may be a subset or the entire set of a public higher education institution’s general education curriculum in Associate of Arts, Associate of Science and baccalaureate degree programs. Students in applied associate degree programs may complete some individual Ohio Transfer Module courses within their degree program or continue beyond the degree program to complete the entire Transfer Module. The Ohio Transfer Module contains 36-40 semester or 54-60 quarter hours of course credit in English composition (minimum of 3 semester or 5 quarter hours); mathematics, statistics and logic (minimum of 3 semester or 3 quarter hours); arts and humanities (minimum of 6 semester or 9 quarter hours); social and behavioral sciences (minimum of 6 semester or 9 quarter hours); and natural sciences (minimum of 6 semester or 9 quarter hours). Oral communication and interdisciplinary areas may be included as additional options. Additional elective hours from among these areas make up the total hours for a completed Ohio Transfer Module. Courses for the Ohio Transfer Module should be 100- and 200-level general education courses commonly completed in the first two years of a student’s course of study. Each public university and technical and community college is required to establish and maintain an approved Ohio Transfer Module.

Ohio Transfer Module course(s) or the full module completed at one college or university will automatically meet the requirements of individual Ohio Transfer Module course(s) or the full Ohio Transfer Module at another college or university once the student is admitted. Students may be required, however, to meet additional general education requirements at the institution to which they transfer. For example, a student

who completes the Ohio Transfer Module at Institution S (sending institution) and then transfers to Institution R (receiving institution) is said to have completed the Ohio Transfer Module portion of Institution R’s general education program. Institution R, however, may have general education courses that go beyond its Ohio Transfer Module. State policy initially required that all courses in the Ohio Transfer Module be completed to receive its benefit in transfer. However, subsequent policy revisions have extended this benefit to the completion of individual Ohio Transfer Module courses on a course-by-course basis. More information and the complete Ohio Transfer Module policy can be found at: <https://www.ohiohighered.org/transfer/policy>.

Note: Students should meet with a counselor to assure that courses selected are most appropriate for the major and the transfer college or university selected, and that the courses are consistent with the minimum graduation requirements of Cuyahoga Community College.

Ohio Articulation Number (OAN)

Ohio Articulation Numbers are identifiers used to represent a specific set of learning outcomes for an Ohio Transfer Module or Transfer Assurance Guide course. The OAN is used to identify the equivalency of courses between two institutions. Courses with OAN approval have been reviewed by statewide faculty committees. Students are assured of their equivalency at any Ohio higher education public institution that has OAN approval during the same time period.

Courses within the Ohio Transfer Module may also be part of an approved Transfer Assurance Guide (TAG). OANs are listed below for courses that are also part of an approved TAG. A complete list of approved courses for all public institutions can be found at: <https://transfercredit.ohio.gov/ap/20>.

English Composition: minimum of three semester hours with an emphasis on written composition

ENG-1010	College Composition I <i>OAN Approved: TME001</i>	3 Cr.
ENG-101H	Honors College Composition I <i>OAN Approved: TME001</i>	3 Cr.
ENG-1020	College Composition II <i>OAN Approved: TME002</i>	3 Cr.
ENG-102H	Honors College Composition II <i>OAN Approved: TME002</i>	3 Cr.

Oral Communication

SPCH-1010	Fundamentals of Speech <i>OAN Approved: OCM004</i>	3 Cr.
SPCH-101H	Honors Fundamentals of Speech <i>OAN Approved: OCM004</i>	3 Cr.

Mathematics, Statistics and Logics: minimum of three semester hours

MATH-1100	Mathematical Explorations <i>OAN Approved: TMMSL</i>	3 Cr.
MATH-1240	Contemporary Mathematics <i>OAN Approved: TMMSL</i>	3 Cr.
MATH-1380	Mathematics for Elementary & Middle School Teachers II	4 Cr.
MATH-1410	Elementary Probability and Statistics I <i>OAN Approved: TMM010</i>	3 Cr.
MATH-1420	Elementary Probability and Statistics II	3 Cr.
MATH-1470	Modern Mathematics for Business/Social Sciences I	4 Cr.
MATH-1480	Modern Mathematics for Business/Social Sciences II <i>OAN Approved: TMM013</i>	4 Cr.
MATH-1490	Business Probability and Statistics I <i>OAN Approved: OBU009 (Course 1 of 2)</i>	3 Cr.
MATH-1500	Business Probability and Statistics II <i>OAN Approved: OBU009 (Course 2 of 2)</i>	3 Cr.
MATH-1530 (formerly 1521)	College Algebra <i>OAN Approved: TMM001</i>	4 Cr.
MATH-153H (formerly 152H)	Honors College Algebra <i>OAN Approved: TMM001</i>	4 Cr.
MATH-1540 (formerly 1510)	Trigonometry <i>OAN Approved: TMM003</i>	3 Cr.
MATH-154H (formerly 151H)	Honors Trigonometry <i>OAN Approved: TMM003</i>	3 Cr.
MATH-1580	Pre-Calculus	5 Cr.
MATH-1610	Calculus I <i>OAN Approved: TMM005</i>	5 Cr.
MATH-161H	Honors Calculus I <i>OAN Approved: TMM005</i>	5 Cr.
MATH-1620	Calculus II <i>OAN Approved: TMM006</i>	5 Cr.
MATH-162H	Honors Calculus II <i>OAN Approved: TMM006</i>	5 Cr.
MATH-2010	Introduction to Discrete Mathematics	4 Cr.
MATH-2310	Calculus III <i>OAN Approved: TMM018 & OMT018</i>	4 Cr.
MATH-231H	Honors Calculus III <i>OAN Approved: TMM018 & OMT018</i>	4 Cr.
MATH-2410	Introduction to Linear Algebra <i>OAN Approved: OMT019</i>	3 Cr.
MATH-2520	Differential Equations <i>OAN Approved: TMM020 & OMT020</i>	3 Cr.

Appendix I: Transfer Module

Arts and Humanities: minimum of six semester hours; select from at least two areas

ART-1010	Art Appreciation	3 Cr.
ART-1040	Survey of Non-Western Art	3 Cr.
ART-2020 (formerly ART-1020)	Art History Survey: Prehistoric to Renaissance <i>OAN Approved: OAH005 (Course 1 of 2, both must be taken)</i>	3 Cr.
ART-2030 (formerly ART-1030)	Art History Survey: Late Renaissance to Present <i>OAN Approved: OAH005 (Course 2 of 2, both must be taken)</i>	3 Cr.

DANC-1100	Dance Appreciation	3 Cr.
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ENG-2310	American Literature I <i>OAN Approved: OAH053</i>	3 Cr.
ENG-2320	American Literature II <i>OAN Approved: OAH054</i>	3 Cr.
ENG-2350	British Literature I <i>OAN Approved: OAH055</i>	3 Cr.
ENG-2360	British Literature II <i>OAN Approved: OAH056</i>	3 Cr.
ENG-2410	Introduction to Literature: Poetry	3 Cr.
ENG-2420	Introduction to Literature: Fiction	3 Cr.
ENG-2430	Introduction to Literature: Drama	3 Cr.
ENG-2510	African-American Literature I	3 Cr.
ENG-2520	African-American Literature II	3 Cr.
ENG-2601 (formerly ENG-2600)	Literature for Children and Adolescents	3 Cr.
ENG-2700	World Literature	3 Cr.
ENG-2710	Shakespeare	3 Cr.
ENG-2720	Survey of Biblical Literature	3 Cr.
ENG-2730	Exploration of World Mythology	3 Cr.

HUM-1010	Introduction to Humanities	3 Cr.
HUM-1020	The Individual in Society	3 Cr.
HUM-1030	The Individual in the Cosmos	3 Cr.

JMC-1310	Film Appreciation	3 Cr.
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MUS-1010	Survey of European Classical Music	3 Cr.
MUS-1020	Survey of Jazz	3 Cr.
MUS-1030	Survey of Rock and Roll	3 Cr.
MUS-1040	Survey of African-American Music	3 Cr.
MUS-1050	Survey of World Music	3 Cr.
MUS-2500	Music History and Literature I	3 Cr.
MUS-2510	Music History and Literature II	3 Cr.
MUS-2520	Jazz History I	2 Cr.
MUS-2530	Jazz History II	2 Cr.

Arts and Humanities (Continued)

PHIL-1000	Critical Thinking	3 Cr.
PHIL-1010	Introduction to Philosophy <i>OAN Approved: OAH045</i>	3 Cr.
PHIL-101H	Honors Introduction to Philosophy	3 Cr.
PHIL-1020	Introduction to Logic	3 Cr.
PHIL-2010	Comparative World Religions	3 Cr.
PHIL-2020	Ethics <i>OAN Approved: OAH046</i>	3 Cr.
PHIL-202H	Honors Ethics	3 Cr.
PHIL-2031 (formerly PHIL-2030)	Philosophy of Science	3 Cr.
PHIL-2040	Philosophy of Art	3 Cr.
PHIL-2050	Bioethics	3 Cr.
PHIL-205H	Honors Bioethics	3 Cr.

REL-1010	Introduction to Religious Studies	3 Cr.
REL-2010	Religious Traditions of Western Christianity	3 Cr.
REL-2020	Religious Traditions of Judaism	3 Cr.
REL-2030	Religious Traditions of Islam	3 Cr.
REL-2040	Religious Traditions of India	3 Cr.
REL-2050	Religious Traditions of China and Japan	3 Cr.
REL-2060	African-American Religious Experience	3 Cr.

THEA-1010	Theatre Appreciation	3 Cr.
THEA-1100	Survey and Appreciation of American Musical Theatre	3 Cr.
THEA-2210 (formerly THEA-1210)	History of Theatre and Drama I	3 Cr.
THEA-2220 (formerly THEA-1220)	History of Theatre and Drama II	3 Cr.

Social and Behavioral Sciences: minimum of six semester hours; select from at least two areas

ANTH-1010	Cultural Anthropology <i>OAN Approved: OSS001</i>	3 Cr.
ANTH-2010	Peoples and Cultures of the World	3 Cr.
ANTH-2110 (formerly ANTH 1030)	Archaeology <i>OAN Approved: OSS003</i>	3 Cr.

ECON-1210	Survey of Economics	3 Cr.
ECON-1220	Economic Development of the American Economy	3 Cr.
ECON-2610 (formerly ECON-1610)	Principles of Macroeconomics <i>OAN Approved: OSS005</i>	4 Cr.
ECON-2620 (formerly ECON-1620)	Principles of Microeconomics <i>OAN Approved: OSS004</i>	4 Cr.

Appendix I: Transfer Module

Social and Behavioral Sciences (Continued)

GEOG-1010	World Regional Geography <i>OAN Approved: OSS008</i>	3 Cr.
GEOG-1030	Environmental Geography	3 Cr.
GEOG-1050	Africans in the Americas	3 Cr.
GEOG-1510	Regional Geography of the United States and Canada	3 Cr.
*Transfer Office is working to have History courses approved for Arts & Humanities area		

HIST-1010	History of Civilization I <i>OAN Approved: OHS041</i>	3 Cr.
HIST-101H	Honors History of Civilization I	3 Cr.
HIST-1020	History of Civilization II <i>OAN Approved: OHS042</i>	3 Cr.
HIST-102H	Honors History of Civilization II	3 Cr.
HIST-1510	United States History to 1877 <i>OAN Approved: OHS043</i>	3 Cr.
HIST-151H	Honors United States History to 1877	3 Cr.
HIST-1520	United States History Since 1877 <i>OAN Approved: OHS044</i>	3 Cr.
HIST-152H	Honors United States History Since 1877	3 Cr.
HIST-1610	American Studies	3 Cr.
HIST-1630	History of Immigration in America	3 Cr.
HIST-1700	History of Africa	3 Cr.
HIST-2030	Islamic History	3 Cr.
HIST-2051 (formerly HIST-2050)	History of Russia to 1917	3 Cr.
HIST-2060	Modern Russian History and Politics	3 Cr.
HIST-2070	African-American Women in History	3 Cr.
HIST-2150	African History to 1877	3 Cr.
HIST-2160	African History 1877- Present	3 Cr.
HIST-2660	Women in American History	3 Cr.

POL-1010	American National Government <i>OAN Approved: OSS011</i>	3 Cr.
POL-101H	Honors American National Government <i>OAN Approved: OSS011</i>	3 Cr.
POL-1020	State and Local Government <i>OAN Approved: OSS014</i>	3 Cr.
POL-2030 (formerly POL-1030)	Comparative Government <i>OAN Approved: OSS013</i>	3 Cr.
POL-2060	Political Systems of Africa	3 Cr.
POL-2070 (formerly POL-1070)	International Relations <i>OAN Approved: OSS012</i>	3 Cr.
POL-2100 (formerly POL-1100)	Constitutional Law	3 Cr.

PSY-1010	General Psychology <i>OAN Approved: OSS015</i>	3 Cr.
PSY-101H	Honors General Psychology	3 Cr.
PSY-1050	Introduction to Industrial/Organizational Psychology	3 Cr.

Social and Behavioral Sciences (Continued)

PSY-2010	Child Growth and Development <i>OAN Approved: OSS045</i>	3 Cr.
PSY-2020	Life Span Development <i>OAN Approved: OSS048</i>	4 Cr.
PSY-2040	Social Psychology <i>OAN Approved: OSS016</i>	3 Cr.
PSY-2050	Psychology of Personality <i>OAN Approved: OSS018</i>	3 Cr.
PSY-2060	Adolescent Psychology <i>OAN Approved: OSS046</i>	3 Cr.
PSY-2080	Abnormal Psychology <i>OAN Approved: OSS017</i>	3 Cr.
PSY-2100	Introduction to Aging <i>OAN Approved: OSS047</i>	3 Cr.
PSY-2110 (formerly PSY-2030)	Educational Psychology <i>OAN Approved: OED003</i>	3 Cr.

SOC-1010	Introductory Sociology <i>OAN Approved: OSS021</i>	3 Cr.
SOC-101H	Introductory Sociology <i>OAN Approved: OSS021</i>	3 Cr.
SOC-1020	Social Institutions	3 Cr.
SOC-2010	Social Problems <i>OAN Approved: OSS025</i>	3 Cr.
SOC-201H	Honors Social Problems	3 Cr.
SOC-2020 (formerly SOC-1210)	Sociology of the Family <i>OAN Approved: OSS023</i>	3 Cr.
SOC-2100	Aging and Society	3 Cr.
SOC-2110	Death and Dying	3 Cr.
SOC-2310	Contemporary American Black-White Relations	3 Cr.
SOC-2510	Urban Sociology	3 Cr.
SOC-2550	Race and Ethnic Relations <i>OAN Approved: OSS024</i>	3 Cr.

UST-1010	Introduction to Urban Studies	3 Cr.
UST-1020	Urban Geography	3 Cr.
UST-2020	Urban Cultures	3 Cr.
UST-2070	Urban Politics	3 Cr.
UST-2640	American Urban History	3 Cr.

WST-1510	Introduction to Women's Studies	3 Cr.
WST-2010	Women in the World	3 Cr.

Appendix I: Transfer Module

Natural and Physical Sciences: minimum of six semester hours; one of the courses must be a lab course

ANTH-1210	Human Evolution	4 Cr.
BIO-1040	The Cell and DNA	3 Cr.
BIO-104L	The Cell and DNA Laboratory	1 Cr.
BIO-1050	Human Biology	3 Cr.
BIO-105L	Human Biology Laboratory	1 Cr.
BIO-1060	Environment, Ecology, and Evolution	3 Cr.
BIO-106L	Environment, Ecology, and Evolution Laboratory	1 Cr.
BIO-1100	Introduction to Biological Chemistry	3 Cr.
BIO-1410	Anatomy and Physiology of Domestic Animals I	4 Cr.
BIO-1420	Anatomy and Physiology of Domestic Animals II	4 Cr.
BIO-1500	Principles of Biology I <i>OAN Approved: OSC003</i>	4 Cr.
BIO-150H	Honors Principles of Biology I <i>OAN Approved: OSC003</i>	4 Cr.
BIO-1510	Principles of Biology II <i>OAN Approved: OSC004</i>	4 Cr.
BIO-2060	Principles of Genetics	3 Cr.
BIO-2150	Environmental Science	3 Cr.
BIO-2331 (formerly BIO-2330)	Anatomy and Physiology I	4 Cr.
BIO-2341 (formerly BIO-2340)	Anatomy and Physiology II	4 Cr.
BIO-2500	Microbiology	4 Cr.

CHEM-1010	Introduction to Inorganic Chemistry	4 Cr.
CHEM-101H	Honors Introduction to Inorganic Chemistry	4 Cr.
CHEM-1020	Introduction to Organic Chemistry and Biochemistry	4 Cr.
CHEM-1300	General Chemistry I <i>OAN Approved: OSC008 (Course 1 of 2)</i>	4 Cr.
CHEM-130H	Honors General Chemistry	5 Cr.
CHEM-130L	General Chemistry Laboratory I <i>OAN Approved: OSC008 (Course 2 of 2)</i>	1 Cr.
CHEM-1310	General Chemistry II <i>OAN Approved: OSC009 (Course 1 of 2)</i>	4 Cr.
CHEM-131L	General Chemistry Laboratory II <i>OAN Approved: OSC009 (Course 2 of 2)</i>	1 Cr.

ESCI-1310	Physical Geography <i>OAN Approved: OSS006 (Course 1 of 2)</i>	3 Cr.
ESCI-131L	Laboratory in Physical Geography <i>OAN Approved: OSS006 (Course 2 of 2)</i>	1 Cr.
ESCI-1410	Physical Geology <i>OAN Approved: OSC011 (Course 1 of 2)</i>	3 Cr.
ESCI-141H	Honors Physical Geology	3 Cr.
ESCI-141L	Laboratory in Physical Geology <i>OAN Approved: OSC011 (Course 2 of 2)</i>	1 Cr.

Natural and Physical Sciences (Continued)

ESCI-1510	Historical Geology <i>OAN Approved: OSC012 (Course 1 of 2)</i>	3 Cr.
ESCI-151L	Laboratory in Historical Geology <i>OAN Approved: OSC012 (Course 2 of 2)</i>	1 Cr.
ESCI-1610	Geology of the National Parks	3 Cr.
ESCI-161L	Laboratory in Geology of the National Parks	1 Cr.

PHYS-1050	Everyday Physics	2 Cr.
PHYS-1210	College Physics I <i>OAN Approved: OSC014</i>	4 Cr.
PHYS-1220	College Physics II <i>OAN Approved: OSC015</i>	4 Cr.
PHYS-2310	General Physics I <i>OAN Approved: OSC016</i>	5 Cr.
PHYS-2320	General Physics II <i>OAN Approved: OSC017</i>	5 Cr.

PSCI-1010	Astronomy	3 Cr.
PSCI-101L	Astronomy Laboratory	1 Cr.
PSCI-1020	Chemistry	3 Cr.
PSCI-102L	Chemistry Laboratory	1 Cr.
PSCI-1030	Earth	3 Cr.
PSCI-103L	Earth Laboratory	1 Cr.

APPENDIX II Transfer Assurance Guides

Ohio Transfer Initiatives

The State of Ohio through the leadership of the Ohio Department of Higher Education has established a coherent statewide policy intended to facilitate a student's ability to complete their highest level of educational goal achievement seamlessly within Ohio's postsecondary educational system. To that end, the Ohio Articulation and Transfer policy:

<https://www.ohiohighered.org/transfer/policy> was developed to facilitate the transfer of students and credits from any state-assisted college or university to another. It encourages faculty recognition of comparable and compatible learning experiences and expectations across institutions. It also encourages students to complete "units" of educational experience as they progress [e.g. transfer assurance guides, transfer modules, associate and baccalaureate degrees].

Transfer Assurance Guides

Transfer Assurance Guides (TAGs) comprise Ohio Transfer Module courses and additional courses required for an academic major called TAG courses. A TAG is an advising tool to assist Ohio university and community and technical college students in planning for specific majors and making course selections that will ensure comparable, compatible, and equivalent learning experiences across Ohio's public higher education system. A number of area-specific TAG pathways in meta-majors including the arts, humanities, business, communication, education, health, mathematics, sciences, engineering, engineering technologies, social sciences, and foreign languages have been developed by faculty teams.

TAGs empower students to make informed course selection decisions and plans for their future transfer. Advisors at the institution to which a student wishes to transfer should also be consulted during the transfer process. Students may elect to complete the full TAG or any subset of courses from the TAG. Because of specific major requirements, early identification of a student's intended major is encouraged.

Additional information on specific can be found on the Ohio Department of Higher Education website: <http://www.ohiohighered.org/transfer/tag>.

TAGs enable students to make informed course selection decisions and plans for their future transfer. Advisors at the institution to which a student wishes to transfer should also be consulted during the transfer process. Because of specific major requirements, early identification of the intended major is encouraged.

Ohio Articulation Number

Pre-major courses that represent the commonly accepted pathway to majors within the bachelor's degree (TAGs) have been reviewed by statewide faculty committees. Courses or course sequences meeting established Learning Outcome standards are assigned a discipline specific Ohio Articulation Number (OAN). When consensus is established and a course is noted with both the colleges or universities departmental designation and the assigned OAN, students are assured not only of the equivalency of the courses, but of their application to the degree objective. A complete listing of Cuyahoga Community Colleges OAN approved courses can be found at: <https://transfercredit.ohio.gov/ap/20>.

ARTS AND HUMANITIES

Art History TAG			
ART-2020	Art History: Prehistoric to Renaissance (1 of 2 courses, both must be taken)	3 Cr.	OAH005
ART-2030	Art History: Late Renaissance in Present (2 of 2 courses, both must be taken)	3 Cr.	OAH005
ART-1100	Select 6 hrs. of Fine Arts Electives: Sculpture I	3 Cr.	OAH047
ART-2050	or Painting I	3 Cr.	OAH048
ART-2210	or Printmaking I	3 Cr.	OAH0049
ART-1700	or Ceramics I	3 Cr.	OAH050
ART-2000	or Life Drawing I	3 Cr.	OAH051

ARTS AND HUMANITIES (Continued)

Dance TAG			
DANC-1510	Dance II	3 Cr.	OAH013
English TAG			
ENG-2310	American Literature I	3 Cr.	OAH053
ENG-2320	American Literature II	3 Cr.	OAH054
ENG-2350	British Literature I	3 Cr.	OAH055
ENG-2360	British Literature II	3 Cr.	OAH056
Studio/Fine Arts TAG			
ART-1050	Drawing I	3 Cr.	OAH001
ART-1070	3D Foundations	3 Cr.	OAH004
ART-1080	Visual Design I	3 Cr.	OAH003
ART-1100	Select 3-6 hrs. of Fine Arts Electives: Sculpture I	3 Cr.	OAH047
ART-2050	or Painting I	3 Cr.	OAH048
ART-2210	or Printmaking I	3 Cr.	OAH0049
ART-1700	or Ceramics I	3 Cr.	OAH050
ART-2000	or Life Drawing I	3 Cr.	OAH051
VCPH-1261	or Photography I	3 Cr.	OAH002
Music TAG			
MUS-1250	Class Keyboard I (1 of 2 courses, both must be taken)	2 Cr.	OAH019
MUS-1260	Class Keyboard II (2 of 2 courses, both must be taken)	2 Cr.	OAH019
MUS-1460	Applied Music I (1 of 4 courses, any 1 of the 4 courses may be taken)	2 Cr.	OAH020
MUS-1470	Applied Music II (2 of 4 courses, any 1 of the 4 courses may be taken)	2 Cr.	OAH020
MUS-2460	Applied Music III (3 of 4 courses, any 1 of the 4 courses may be taken)	2 Cr.	OAH020
MUS-2470	Applied Music IV (4 of 4 courses, any 1 of the 4 courses may be taken)	2 Cr.	OAH020

Appendix II: Transfer Assurance Guides

ARTS AND HUMANITIES (Continued)

MUS-1500	Choir (1 of 4 courses, any 1 of the 4 courses may be taken)	1 Cr.	OAH022
MUS-1510	Choral Ensemble (2 of 4 courses, any 1 of the 4 courses may be taken)	1 Cr.	OAH022
MUS-1530	Concert Band (3 of 4 courses, any 1 of the 4 courses may be taken)	1 Cr.	OAH022
MUS-1550	Instrumental Ensemble (4 of 4 courses, either may be taken)	1 Cr.	OAH022
MUS-1600	Traditional Theory I (1 of 8 courses, all must be taken)	3 Cr.	OAH052
MUS-1610	Ear Training I (2 of 8 courses, all must be taken)	2 Cr.	OAH052
MUS-1620	Traditional Theory II (3 of 8 courses, all must be taken)	3 Cr.	OAH052
MUS-1630	Ear Training II (4 of 8 courses, all must be taken)	2 Cr.	OAH052
MUS-2600	Traditional Theory III (5 of 8 courses, all must be taken)	3 Cr.	OAH052
MUS-2610	Ear Training III (6 of 8 courses, all must be taken)	2 Cr.	OAH052
MUS-2620	Traditional Theory IV (7 of 8 courses, all must be taken)	3 Cr.	OAH052
MUS-2630	Ear Training IV (8 of 8 courses, all must be taken)	2 Cr.	OAH052
Philosophy TAG			
PHIL-1010	Introduction to Philosophy	3 Cr.	OAH045
PHIL-101H	Honors Introduction to Philosophy	3 Cr.	OAH045
PHIL-2020	Ethics	3 Cr.	OAH046
PHIL-202H	Honors Ethics	3 Cr.	OAH046
Theatre TAG			
THEA-1430	Introduction to Scenery & Stagecrafts	3 Cr.	OAH028
THEA-1500	Acting I	3 Cr.	OAH027
THEA-1540	Rehearsal and Performance	2 Cr.	OAH025
THEA-1550	Practicum in Technical Theatre	2 Cr.	OAH026
THEA-2010	Script Analysis	3 Cr.	OAH024

BUSINESS

Business TAG			
ACCT-1310	Financial Accounting	4 Cr.	OBU010
ACCT-1340	Managerial Accounting	4 Cr.	OBU011
BADM-2010	Business Communications	3 Cr.	OBU005
BADM-2150	Business Law	4 Cr.	OBU004
ECON-2610	Principles of Macroeconomics	4 Cr.	OSS005
ECON-2620	Principles of Microeconomics	4 Cr.	OSS004

BUSINESS (Continued)

MARK-2010	Principles of Marketing	3 Cr.	OBU006
MATH-1490	Business Probability and Statistics I (1 of 2 courses, both must be taken)	3 Cr.	OBU009
MATH-1500	Business Probability and Statistics II (2 of 2 courses, both must be taken)	3 Cr.	OBU009

COMMUNICATION

Communication Studies TAG			
SPCH-1000	Fundamentals of Interpersonal Communication	3 Cr.	OCM002
SPCH-1010	Fundamentals of Speech Communication	3 Cr.	OCM004
SPCH-1210	Group Discussion	3 Cr.	OCM003
SPCH-2000	Introduction to Communication Theory	3 Cr.	OCM001
Journalism TAG			
JMC-1011	Introduction to Mass Communication	4 Cr.	OCM006
VCPH-2760	Editorial Photography	3 Cr.	OCM011
Public Relations/Advertising TAG			
JMC-1011	Introduction to Mass Communication	4 Cr.	OCM006
MARK-2270	Principles of Advertising	3 Cr.	OCM012
VCPH-2760	Editorial Photography	3 Cr.	OCM011
Telecommunication TAG			
JMC-1011	Introduction to Mass Communication	4 Cr.	OCM006
JMC-2420	Advanced Television Production	3 Cr.	OCM010
VCDV-1180	Introduction to Digital Video and Digital Filmmaking	3 Cr.	OCM008

EDUCATION

Early Childhood Education TAG			
ECED-1010	Introduction to Early Childhood Education	4 Cr.	OED005
ECED-2401	Families, Communities & Schools	3 Cr.	OED006
EDUC-1011	Introduction to Education	3 Cr.	OED001
EDUC-1411	Individuals with Exceptionalities	3 Cr.	OED004
PSY-2110	Educational Psychology	3 Cr.	OED003
Education TAG			
EDUC-1011	Introduction to Education	3 Cr.	OED001
EDUC-1020	Educational Technology	3 Cr.	OED002
EDUC-1411	Individuals with Exceptionalities	3 Cr.	OED004
PSY-2110	Educational Psychology	3 Cr.	OED003

ENGINEERING & ENGINEERING TECHNOLOGY

Aerospace, Agriculture, Civil, Mechanical, Engineering TAG			
MATH-2520	Differential Equations	3 Cr.	TMM020 & OMT020
MET-1100	Technology Orientation	2 Cr.	OES001

Appendix II: Transfer Assurance Guides

ENGINEERING & ENGINEERING TECHNOLOGY (Continued)

Bioengineering, Biomedical Engineering TAG			
CHEM-1300 & CHEM-130L	General Chemistry I General Chemistry Laboratory I or Honors General Chemistry I	4 Cr. 1 Cr. 5 Cr.	OSC008
CHEM-1310 & CHEM-131L	General Chemistry II General Chemistry Laboratory II or Honors General Chemistry II	4 Cr. 1 Cr. 5 Cr.	OSC009
CHEM-131H	Honors General Chemistry II	5 Cr.	
MET-1100	Technology Orientation	2 Cr.	OES001
Chemical, Environmental Engineering TAG			
MATH-2520	Differential Equations	3 Cr.	TMM020 & OMT020
MET-1100	Technology Orientation	2 Cr.	OES001
Civil, Construction Engineering Technology TAG			
CNST-2110	Basic Survey Practices	3 Cr.	OET015
CNST-2130	Construction Methods, Materials & Equipment	3 Cr.	OET016
Computer, Electrical Engineering TAG			
MATH-2310	Calculus III	4 Cr.	TMM018 & OMT018
MET-1100	Technology Orientation	2 Cr.	OES001
Electrical Engineering Technology TAG			
EET-1160 & EET-1170	Direct Current Circuits I Direct Current Circuits I	2 Cr. 2 Cr.	OET001
EET-1210	AC Electric Circuits	3 Cr.	OET003
PHYS-1210	College Physics I	4 Cr.	OSC014
Industrial Engineering TAG			
MET-1100	Technology Orientation	2 Cr.	OES001
MET 2422	Fundamentals of Engineering Economics	3 Cr.	OES005
MET 2430	Engineering Probability and Statistics	3 Cr.	OES004
MET-2610	Statics	3 Cr.	OES002
MET-2620	Dynamics	3 Cr.	OES003
Mechanical Engineering Technology TAG			
MET-1240	Machine Tools and Manufacturing Processes	3 Cr.	OET010
MET-1300	Engineering Materials and Metallurgy	3 Cr.	OET013
MET-1601	Technical Statics	3 Cr.	OET007
MET-2041	CAD II & GD&T	3 Cr.	OET012
MET-2200	Strength of Materials	3 Cr.	OET008
MET-2300	Fluid Power	3 Cr.	OET009

FOREIGN LANGUAGE

Foreign Language TAG			
ASL-1010	Beginning American Sign Language I	4 Cr.	OFL025
FREN-1010	Beginning French I	4 Cr.	OFL001
FREN-1020	Beginning French II	4 Cr.	OFL002
SPAN-1011	Beginning Spanish Language and Culture I	4 Cr.	OFL019

HEALTH

Dietetics TAG			
DIET-1200	Basic Nutrition	3 Cr.	OHL016
Health Information Management TAG			
BIO-2600	Pathophysiology	3 Cr.	OHL019
HIM-1311	Legal Aspects of Health Care	3 Cr.	OHL021
HIM-2430	Medical Reimbursement Methodologies	2 Cr.	OHL022
IT-1010	Introduction to Microcomputer Applications	3 Cr.	OBU003
MA-1020	Medical Terminology I	3 Cr.	OHL020
Medical Laboratory TAG			
MLT-1000	Introduction to Medical Laboratory	3 Cr.	OHL008
MLT-1491	Urinalysis and Body Fluids	3 Cr.	OHL010
MLT-2461	Hematology	3 Cr.	OHL009

MATHEMATICS AND STATISTICS

Mathematics TAG			
MATH-2310	Calculus III	4 Cr.	TMM018 & OMT018
MATH-2410	Introduction to Linear Algebra	3 Cr.	OMT019
MATH-2520	Differential Equations	3 Cr.	TMM020 & OMT020
PHYS-2310	General Physics I	5 Cr.	OSC016
PHYS-2320	General Physics II	5 Cr.	OSC017

NATURAL/PHYSICAL SCIENCES

Biology TAG			
BIO-1500/ BIO-150H	Principles of Biology I	4 Cr.	OSC003
BIO-1510	Principles of Biology II	4 Cr.	OSC004
CHEM-2300	Organic Chemistry I (1 of 2 courses, both must be taken)	5 Cr.	OSC010
CHEM-2310	Organic Chemistry II (2 of 2 courses, both must be taken)	5 Cr.	OSC010
PHYS-1210	College Physics I	4 Cr.	OSC014
PHYS-2310	or General Physics I	5 Cr.	OSC016
Chemistry TAG			
For BS Majors:			
CHEM-2300	Organic Chemistry I (1 of 2 courses, both must be taken)	5 Cr.	OSC010

Appendix II: Transfer Assurance Guides

NATURAL/PHYSICAL SCIENCES (Continued)

CHEM-2310	Organic Chemistry II (2 of 2 courses, both must be taken)	5 Cr.	OSC010
PHYS-2310	General Physics I	5 Cr.	OSC016
PHYS-2320	General Physics II	5 Cr.	OSC017
For BA Majors:			
CHEM-2300	Organic Chemistry I (1 of 2 courses, both must be taken)	5 Cr.	OSC010
CHEM-2310	Organic Chemistry II (2 of 2 courses, both must be taken)	5 Cr.	OSC010
PHYS-1210	College Physics I	4 Cr.	OSC014
PHYS-1220	College Physics II	4 Cr.	OSC015
PHYS-2310	General Physics I	5 Cr.	OSC016
PHYS-2320	General Physics II	5 Cr.	OSC017
Geology TAG			
ESCI-1410 & ESCI-141L	Physical Geology (1 of 2 courses, both must be taken) Laboratory in Physical Geology (2 of 2 courses, both must be taken)	3 Cr. 1 Cr.	OSC011
ESCI-1510 & ESCI-151L	Historical Geology (1 of 2 courses, both must be taken) Laboratory in Historical Geology (2 of 2 courses, both must be taken)	3 Cr. 1 Cr.	OSC012
Physics TAG			
MATH-2310	Calculus III	4 Cr.	TMM018 & OMT018
MATH-2410	Introduction to Linear Algebra	3 Cr.	TMM019 & OMT019
MATH-2520	Differential Equations	3 Cr.	TMM020 & OMT020

SOCIAL SCIENCES

Anthropology TAG			
ANTH-1010	Cultural Anthropology	3 Cr.	OSS001
ANTH-1210	Human Evolution	4 Cr.	OSS002
ANTH-2110	Archeology	3 Cr.	OSS003
Criminal Justice TAG			
CJ-1000	Introduction to Criminal Justice	3 Cr.	OSS031
CJ-1070	Introduction to Corrections	2 Cr.	OSS033
Economics TAG			
ECON-2610	Principles of Macroeconomics	4 Cr.	OSS005
ECON-2620	Principles of Microeconomics	4 Cr.	OSS004
Geography TAG			
ESCI-1310	Physical Geography	3 Cr.	OSS006
GEOG-1000	Introduction to Geography	3 Cr.	OSS007
GEOG-1010	World Regional Geography	3 Cr.	OSS008

SOCIAL SCIENCES (Continued)

History TAG			
HIST-1010/ HIST-101H	History of Civilization I	3 Cr.	OHS041
HIST-1020/ HIST-102H	History of Civilization II	3 Cr.	OHS042
HIST-1510/ HIST-151H	United States History to 1877	3 Cr.	OHS043
HIST-1520/ HIST-152H	United States History since 1877	3 Cr.	OHS044
Political Science TAG			
POL-1010/ POL-101H	American National Government	3 Cr.	OSS011
POL-1020	State and Local Government	3 Cr.	OSS014
POL-2030	Comparative Politics	3 Cr.	OSS013
POL-2070	International Relations	3 Cr.	OSS012
Psychology TAG			
PSY-1010/ PSY-101H	General Psychology Honors General Psychology	3 Cr.	OSS015
PSY-2040	Social Psychology	3 Cr.	OSS016
PSY-2050	Psychology of Personality	3 Cr.	OSS018
PSY-2080	Abnormal Psychology	3 Cr.	OSS017
PSY-2010/ PSY-201H	Child Growth and Development	3 Cr.	OSS045
PSY-2020/ PSY-202H	or Life Span Development	3 Cr.	OSS048
PSY-2060	or Adolescent Psychology	3 Cr.	OSS046
PSY-2100	or Introduction to Aging	3 Cr.	OSS047
Sociology TAG			
SOC-2010	Social Problems	3 Cr.	OSS025
SOC-2020	Sociology of the Family	3 Cr.	OSS023
SOC-2550	Race and Ethnic Relations	3 Cr.	OSS024
Social Work TAG			
SOC-1010	Introductory Sociology	3 Cr.	OSS021
SOC-2051	Introduction to Social Welfare	3 Cr.	OSS030
PSY-1010	General Psychology	3 Cr.	OSS015

**APPENDIX III
Career-Technical Assurance Guides**

Career-Technical Credit Transfer

Collaboration among the Ohio Department of Higher Education, the Ohio Department of Education, and other key stakeholders led to the development of policies and procedures to create statewide career-technical discipline specific articulation agreements and further ensure that students completing coursework at an adult or secondary career-technical institution can articulate and transfer agreed-upon technical courses/programs to any Ohio public institution of higher education and among Ohio public institutions of higher education "without unnecessary duplication or institutional barriers."

Career-Technical Assurance Guides are statewide articulation agreements that guarantee the recognition of learning which occurs at public adult and secondary career-technical institutions and have the opportunity for the award of college credit toward technical courses/programs at any public higher education institution. CTAGs serve as advising tools, identifying the statewide content guarantee and describing other conditions or obligations (e.g., program accreditation or industry credential) associated with the guarantee.

Additional information can be found on the Ohio Department of Higher Education website:
<http://ohiohighered.org/transfer/ct2>

Career-Technical Assurance Guides

Career Technical Assurance Guides (CTAGs) serve as advising tools, identifying the course or program which is part of the statewide guarantee. CTAG also describe additional conditions or obligations (e.g. program accreditation or industry credential) associated with the guarantee. The ultimate goal of Career Technical Credit Transfer is to receive technical course credit at a public institution of higher education.

Career-Technical Articulation Number (CTAN)

A CTAN consists of learning outcomes representing knowledge and skills in a technical area needed to transition from career-technical education to public institutions of higher education. Learning outcomes are based on recognized industry standards established by faculty panels. Each CTAN in the technical area is assigned an identifying number. A complete listing of Cuyahoga Community College's approved courses can be found at:
<https://transfercredit.ohio.gov/ap/9?12230603297588>

Automotive Technology			
CTAUT001 Brakes <i>Student Requirements: Passage of NATEF End of Program Assessment or ASE Certification (current within 2 years) Career-technical secondary or adult faculty sign-off of student safety and laboratory learning</i>	AUTO-1450	Automotive Braking	3 Cr.
CTAUT002 Electrical <i>Student Requirements: Passage of NATEF End of Program Assessment or ASE Certification (current within 2 years) Career-technical secondary or adult faculty sign-off of student safety and laboratory learning</i>	AUTO-1501	Automotive Electrical Fundamentals	2 Cr.
CTAUT003 Engine <i>Student Requirements: Passage of NATEF End of Program Assessment or ASE Certification (current within 2 years) Career-technical secondary or adult faculty sign-off of student safety and laboratory learning</i>	AUTO-2400	Engine Performance	3 Cr.
CTAUT004 Suspension/Steering <i>Student Requirements: Passage of NATEF End of Program Assessment or ASE Certification (current within 2 years) Career-technical secondary or adult faculty sign-off of student safety and laboratory learning</i>	AUTO-1400	Automotive Alignment Steering & Suspension	3 Cr.

Appendix III: Career Technical Assurance Guides

Construction			
<i>Student Requirements: Student must matriculate to an institution of higher education with an approved or comparable program NO LATER than 3 years after completing the approved secondary program.</i>			
CTCON003 Construction Methods and Materials <i>Student Requirements: Successfully complete the ODE secondary course [Carpentry and Masonry Technical Skills (EMIS CODE- 178001)] with a "C" or better, and receive a qualifying/passing score on the "End of Course" examination of 75 or higher.</i>	CNST 2130	Construction Methods, Materials and Equipment	2 Cr.
Culinary and Food Service Management			
CTCF001 Sanitation and Safety <i>Student Requirements: National Restaurant SeroSafe Certificate</i>	HOSP-1020	Sanitation and Safety	2 Cr.
CTCF002 Intro to Hospitality & Tourism <i>Student Requirements: Current ORA ProStart Certificate</i>	HOSP-1010	Introduction to the Hospitality Industry	2 Cr.
CTCF003 Food Production Laboratory <i>Student Requirements: National Restaurant SeroSafe Certificate and Current ORA ProStart Certificate or American Culinary Federation Culinarian certificate</i>	HOSP-1031	Fundamentals of Culinary Arts	3 Cr.
CTCF004 Cooperative Work Experience <i>Student Requirements: Current ORA ProStart Certificate</i>	HOSP-1950	Restaurant/Food Service Management field Experience	1 Cr.
Education			
CTED001 <i>Student Requirements: Proof of completion of secondary Tech Prep teaching profession pathway program and an 85 on Tech Prep teaching portfolio</i>	EDUC-1011	Introduction to Education	3 Cr.
Electrical Engineering Technology			
<i>Student Requirement: Proof of satisfactory course completion</i>			
CTEET001 DC Circuits	EET-1161	DC Circuits	3 Cr.
CTEET003 Programmable Logic Controls	EET-2520	Programmable Logic Controllers	3 Cr.
Emergency Medical Technology			
<i>Student Requirements: Current Ohio EMT-B or EMT-P certificate depending on the level to which the student is applying</i>			
CTEMTB002 EMT-Basic	EMT-1302 and EMT-130L	Emergency Medical Technician – Basic EMT Basic Lab	6 Cr. 1 Cr.
CTEMTP004 EMT-Paramedic	EMT-1310 and EMT-2330 and EMT-2340 and EMT-2350 and EMT-2360 and EMT-2370	Cardiopulmonary Resuscitation Paramedic Theory I Paramedic Theory II Paramedic Theory III Paramedic Theory IV Paramedic Theory V	1 Cr. 6 Cr. 6 Cr. 6 Cr. 6 Cr.

Appendix III: Career Technical Assurance Guides

Fire Science Technology			
<i>Student Requirement: Current Ohio Fire Fighter Certification FFI or FFII depending on the level to which the student is applying</i>			
CTFFI002 Fire Fighter I	FIRE-1100 and EMT-1320	Principles of Emergency Services	3 Cr.
		Heavy Rescue	2 Cr.
CTFFII03 Fire Fighter II	FIRE-1100 and FIRE-1200 and FIRE 1500 and FIRE-2321 and EMT-1320 and EMT-1330	Principles of Emergency Services	3 Cr.
		Principles of Fire and Emergency Services Safety and Survival	2 Cr.
		Fire Behavior and Combustion	2 Cr.
		Fire Protection Systems	2 Cr.
		Heavy Rescue	2 Cr.
		Defensive Driving - EMT	1 Cr.
Information Technology			
<i>Student Requirement: Must access credit within 3 years of program completion or within currency of certificate or license. Please see below for the specific requirements for each CTAN.</i>			
CTIT001 Basic <i>Student Requirement: Passage of OCTA End of Program Assessment, IC³ Certificate or ICDL Certificate</i>	IT-1010	Introduction to Microcomputer Applications	3 Cr.
CTIT002 Network+ <i>Student Requirement: Passage of OCTA End of Program Assessment, Comp TIA Network + Certificate, Cisco Certified Network Associate (CCNA) Certificate or Cisco Certified Entry Network Technician (CCENT) Certificate</i>	ITNT-2300	Network Fundamentals	3 Cr.
CTIT003 A+ Essentials <i>Student Requirement: Passage of OCTA End of Program Assessment or CompTIA A+ Essentials Certificate</i>	EET-1015	Introduction to Computer Maintenance and Repair	3 Cr.
CTIT007 Cisco Exploration I <i>Student Requirement: CCNA Certificate, CCENT Certificate or Passage of Semester Tests in Cisco/CCNA Discovery I & II or Cisco/CCNA Exploration I</i>	EET-1302	Cisco I: Basic Networking Technologies	3 Cr.
CTIT008 Cisco Exploration II <i>Student Requirement: CCNA Certificate, CCENT Certificate or Passage of Semester Tests in Cisco/CCNA Discovery III & IV or Cisco/CCNA Exploration II</i>	EET-1312	Cisco II: Basic Routing and Switching	3 Cr.

Appendix III: Career Technical Assurance Guides

CTIT009 Cisco Exploration III <i>Student Requirement: CCNA Certificate or Passage of Semester Test in Cisco/CCNA Exploration III</i>	EET-2302	Cisco III Intermediate Routing and Switching	3 Cr.
CTIT010 Cisco Exploration IV <i>Student Requirement: CCNA Certificate or Passage of Semester Test in Cisco/CCNA Exploration IV</i>	EET-2312	Cisco IV Basic WAN Technologies	3 Cr.
CTIT013 Windows Server 2003 <i>Student Requirement: Microsoft Managing and Maintaining a Microsoft Windows Server 2003 environment (MS Examination 70-290)</i>	ITNT-2320	Network Administration I	3 Cr.
Mechanical Engineering Technology <i>Student Requirement: Proof of satisfactory course completion</i>			
CTMET004 Manufacturing Processes	MET-1240	Machine Tools and Manufacturing Processes	3 Cr.
CTMET005	MET-2041	CAD II & GD & T	3 Cr.
Medical Assisting Technology <i>Student Requirement: CMA-AAMA or RMA-AMT Credentials</i>			
CTMAT004 Basic Administrative Functions and CTMAT005 Bookkeeping Functions	MA-1503 and MA-150L	Administrative Procedures for the Medical Office Administrative Procedures Laboratory	2 Cr. 1 Cr.
CTMAT006 Process Insurance Claims	MA-2110	Reimbursement for Physicians Services	2 Cr.
CTMAT008 Fundamental Procedures	MA-1402 and MA-140L	Basic Clinical Medical Assisting Basic Clinical Medical Assisting Lab	2 Cr. 1 Cr.
CTMAT009 Specimen Collection	MA-1321 and MA-132L	Medical Office Laboratory Procedures Medical Office Laboratory Procedures	2 Cr. 1 Cr.
CTMAT010 Diagnostic Testing	MA-2413 and MA-241L	Advanced Clinical Medical Assisting Advanced Clinical Assisting Lab	3 Cr. 1 Cr.
CTMAT011 Patient Care	HTEC-1610 and MA-2860 and MA-2980	Introduction to Pharmacology Medical Assisting Practicum Medical Assisting Seminar	2 Cr. 2 Cr. 1 Cr.

Appendix III: Career Technical Assurance Guides

Nursing – Practical Nursing to Associate Degree			
CTPNNUR001 Practical Nursing Program		Students completing Tri-C's LPN program are guaranteed to receive 30% of the technical credit in a public associate degree registered nursing program. The institution transferring to would determine the specific courses eligible to receive.	
CTPADNURS002 <i>Student Requirement: LPN <u>and</u> successful completion of ONAM Transition course.</i>	NURS-1300 and NURS-1451 and NURS-1601	Health Assessment Self-Care Needs: Adult Life Span Health Deviations I	2 Cr. 8 Cr. 8 Cr.
Police Officer Training			
CTBPO Basic Police Officer <i>Student Requirement: Current and valid state of Ohio Peace Officer Basic Training certificate/letter <u>and</u> completion of training courses offered by an Ohio public state assisted career-technical (secondary or adult) or state supported college or university that is in good standing with the Ohio Attorney General's Ohio Peace Officer Training Commission to deliver the Peace Officer Basic Training.</i>	HLTH-1230 and CJ-1300 and CJ-1310 and CJ-2370 and CJ-2380 and PE-1000 and PE-1190	Standard First Aid & Personal Safety Patrol Operations Traffic Enforcement and Investigation Fire Arms Techniques Defensive Driving Personal Fitness Self Defense I	1 Cr. 4 Cr. 3 Cr. 3 Cr. 2 Cr. 2 Cr. 1 Cr.

APPENDIX IV
Military Transfer Assurance Guides

Military Training/Experience Credit Transfer

In response to the legislative requirement (Ohio Revised Code 3333.164) to create a military articulation and transfer assurance guide for college-level learning that took place through military training, experience, and coursework, college credit will be granted to students with military training, experience, and/or coursework that is recognized by the American Council on Education (ACE) or a regionally accredited military institution, such as Community College of the Air Force.

In order to streamline the awarding, transferability, and applicability of college credit, service members and veterans are guaranteed to earn certain types of credit(s) or course(s) as specified in the Military Transfer Assurance Guides (MTAGs), which are based on the endorsed baseline standards and procedures by the Chancellor. Equivalent course(s), credits for courses, or block of credit is to be awarded and applied towards general education and/or major course requirements at the receiving institution in accordance with the MTAG guarantee. There is some training, experience, and coursework that the receiving institution may be able to award college credit only toward general or free electives.

In addition, public institutions of higher education shall ensure that appropriate equivalent credit is awarded for military training, experience, and coursework that meet

the baseline standards and procedures according to the Ohio Revised Code 3333.164. This requirement goes beyond credit/course awarded based on the MTAG alignment process.

https://www.ohiohighered.org/valuing_ohio_veterans/toolkit/awarding-credit/transfer-guarantees

Military Transfer Assurance Guides

The MTAGs serve as advising tools, identifying the course(s) or programs that are part of the statewide guarantee. MTAGs includes the military course number, title, and version/rating as appropriate to the various levels of training and experience offered within the military, as well as the ACE approved course number. Each MTAG is assigned a corresponding Ohio Articulation Number from the standard Transfer Assurance Guide tables, which indicates the courses and credit hours students will be awarded for the completed military experience/training.

<https://transfercredit.ohio.gov/ap/35?12230603297588>

Ohio Articulation Number (OAN)

Ohio Articulation Numbers are identifiers used to represent a specific set of learning outcomes for an Ohio Transfer Module or Transfer Assurance Guide course. The OAN is used to identify equivalency between institutions. Courses with an OAN approval have been reviewed by statewide faculty committees. Students are assured of their equivalency at any Ohio higher education public institution that has OAN approval during the same time period.

Engineering & Engineering Technology			
Army Courses			
OET016 Construction Methods & Materials <i>Student Requirements: Military Course #710-21H30-C45</i> <i>(ACE ID #AR-1408-0341 V1)</i> <i>Construction Engineer Supervisor, Advanced Leader</i> <i>Effective Date: October 2009</i>	CNST-2130	Construction Methods, Materials and Equipment	3 Cr.
OET016 Construction Methods & Materials <i>Student Requirements: Military Course #413-12T40-C46</i> <i>(ACE ID #AR-1408-0343 V1)</i> <i>Senior Technical Engineer NCO Senior Leader</i> <i>Effective Date: October 2012</i>	CNST-2130	Construction Methods, Materials and Equipment	3 Cr.
OET015 Surveying <i>Student Requirements: Military Course #420-13T30-C45</i> <i>(ACE ID #AR-1601-0264 V1)</i> <i>Surveyor/Meteorological Crewmember, Advanced Leader</i> <i>Effective Date: October 2009</i>	CNST-2110	Basic Survey Practices	3 Cr.

Appendix IV: Military Transfer Assurance Guides

OET015 Surveying <i>Student Requirements: Military Course #420-13T10 (ACE ID #AR-1606-0279 V2) Field Artillery Surveyor Meteorological Crewmember Effective Date: October 2012</i>	CNST-2110	Basic Survey Practices	3 Cr.
OET015 & OET016 Surveying and Construction Methods & Materials <i>Student Requirements: Military Course #4A-120A (ACE ID #AR-1710-0177 V3) Utilities Operation & Maintenance Technician Warrant Officer Basic Effective Date: October 2011</i>	CNST-2110 and CNST-2130	Basic Survey Practices Construction Methods, Materials and Equipment	3 Cr. 3 Cr.
OET015 & OET016 Surveying and Construction Methods & Materials <i>Student Requirements: Military Course #413-21T10 (ACE ID #AR-1710-0196 V4) Technical Engineer Effective Date: October 2009</i>	CNST-2110 and CNST-2130	Basic Survey Practices Construction Methods, Materials and Equipment	3 Cr. 3 Cr.
OET016 Construction Methods & Materials <i>Student Requirements: Military Course #011-18C30- C45 (ACE ID #AR-1710-0244 V2) Special Forces Qualifications (SF Engineer Sergeants) Advanced Leader Effective Date: July 2015</i>	CNST-2130	Construction Methods, Materials and Equipment	3 Cr.
Coast Guard Courses			
OET016 Construction Methods & Materials <i>Student Requirements: Military Course #210020 (ACE ID #CG-1710-0014 V5) Damage Controlman "A" School Effective Date: January 2014</i>	CNST-2130	Construction Methods, Materials and Equipment	3 Cr.
Department of Defense Courses			
OET015 Surveying <i>Student Requirements: Military Course #412-101 (ACE ID #DD-1601-0023 V4) Basic Geodetic Survey (BGS) Effective Date: December 2005 – February 2016</i>	CNST-2110	Basic Survey Practices	3 Cr.
Marine Corps Courses			
OET016 Construction Methods & Materials <i>Student Requirements: Military Course #ACC (ACE ID #MC-1601-0026 V4) Combat Engineer Officer Effective Date: March 2011</i>	CNST-2130	Construction Methods, Materials and Equipment	3 Cr.
OET016 Construction Methods & Materials <i>Student Requirements: Military Course #13G (ACE ID #MC-1601-0027 V4) Engineer Operations Chief Effective Date: May 2011</i>	CNST-2130	Construction Methods, Materials and Equipment	3 Cr.

Appendix IV: Military Transfer Assurance Guides

OET015 Surveying <i>Student Requirements: Military Course #14D</i> <i>(ACE ID #MC-1601-0060 V2)</i> <i>Technical Engineering</i> <i>Effective Date: December 2010</i>	CNST-2110	Basic Survey Practices	3 Cr.
OET001 & OET005 DC Circuits and Electronics <i>Student Requirements: Military Course #272</i> <i>(ACE ID #MC-1715-0116-V6)</i> <i>Basic Electronics, Version 6</i> <i>Effective Date: October 2009</i>	EET-1161	Direct Current Circuits	3 Cr.
OET016 Construction Methods & Materials <i>Student Requirements: Military Course #ACQ</i> <i>(ACE ID #MC-2202-0007 V1)</i> <i>Combat Engineer Platoon Sergeant</i> <i>Effective Date: October 2011</i>	CNST-2130	Construction Methods, Materials and Equipment	3 Cr.
Navy Courses			
OET016 Construction Methods & Materials <i>Student Requirements: Military Course #A-710-0022</i> <i>(ACE ID #NV-1408-0035 V4)</i> <i>Construction Inspector</i> <i>Effective Date: June 2015</i>	CNST-2130	Construction Methods, Materials and Equipment	3 Cr.
OET015 Surveying <i>Student Requirements: Military Course #A-412-0018</i> <i>(ACE ID #NV-1601-0257 V2)</i> <i>Surveying</i> <i>Effective Date: May 2011</i>	CNST-2110	Basic Survey Practices	3 Cr.
OET016 Construction Methods & Materials <i>Student Requirements: Military Course #A-710-0010</i> <i>(ACE ID #NV-1710-0118 V5)</i> <i>Inter-Service Builder "A" School</i> <i>Effective Date: September 2013</i>	CNST-2130	Construction Methods, Materials and Equipment	3 Cr.
OET016 Construction Methods & Materials <i>Student Requirements: Military Course #A-710-0011</i> <i>(ACE ID #NV-1710-0120 V3)</i> <i>Advanced Builder</i> <i>Effective Date: July 2006</i>	CNST-2130	Construction Methods, Materials and Equipment	3 Cr.
OET016 Construction Methods & Materials <i>Student Requirements: Military Course #A-710-0051</i> <i>(ACE ID #NV-1710-0272 V1)</i> <i>Construction Management Crew Leader</i> <i>Effective Date: July 2010</i>	CNST-2130	Construction Methods, Materials and Equipment	3 Cr.
OET015 & OET016 Surveying and Construction Methods & Materials <i>Student Requirements: Military Course #A-412-0015</i> <i>(ACE ID #NV-1713-0003 V3)</i> <i>Advanced Engineering Aid</i> <i>Effective Date: December 2003</i>	CNST-2110 and CNST-2130	Basic Survey Practices Construction Methods, Materials and Equipment	3 Cr. 3 Cr.

Appendix IV: Military Transfer Assurance Guides

<p>OSC021 Algebra-Based Physics Sequence <i>Student Requirement: Military Course #A-661-0010 Nuclear Power School, Enlisted Version 2 (ACE ID #NV-1732-0026-32) Effective Date: November 2006</i></p>	<p>PHYS-1210 and PHYS-1220</p>	<p>College Physics I College Physics II</p>	<p>4 Cr. 4 Cr.</p>
<p>OSC021 & OET001 Algebra-Based Physics Sequence & DC Circuits <i>Student Requirements: Military Course #A-661-0010 (ACE ID #NV-1732-0026-V2EM Nuclear Power School, Enlisted Version 2, Rating of Electrician Mate Effective Date: November 2006</i></p>	<p>PHYS-1210 and PHYS-1220 and EET-1161</p>	<p>College Physics I College Physics II Direct Current Circuits</p>	<p>4 Cr. 4 Cr. 3 Cr.</p>
<p>OSC021 & OET001 Algebra-Based Physics Sequence & DC Circuits <i>Student Requirements: Military Course #A-661-0010 (ACE ID #NV-1732-0026 V2ET) Nuclear Power School, Enlisted Version 2, Rating of Electronics Technician Effective Date: November 2006</i></p>	<p>PHYS-1210 and PHYS-1220 and EET-1161</p>	<p>College Physics I College Physics II Direct Current Circuits</p>	<p>4 Cr. 4 Cr. 3 Cr.</p>

APPENDIX V

Semester Course Numbering

Description

Developmental Courses	0800 to 0990	
	<u>Freshman-Level No.</u>	<u>Sophomore-Level No.</u>
Introductory/Non-Majors/ Basic Courses	1000 to 1290	---
Majors/Technical Courses	1300 to 1790	2000 to 2790
Special Topics Courses*	1800 to 1819	2800 to 2819
Honors Special Topics	180H	280H
Independent Study/Research Courses	1820	2820
Honors Independent Study/Research	182H	282H
Independent Study/Research Courses (2 hour Lab)	182S	282S
Independent Study/Research Courses (3 hour Lab)	182T	282T
Cooperative Education Courses	---	2830
Practicum	1840 to 1870	2840 to 2870
Clinicals (Nursing and Practical Nursing only)	1880 to 1900	2880 to 2900
Directed Practice	1910 to 1930 (Radiography uses additional course numbers)	2910 to 2930
Field Experience	1940 to 1960	2940 to 2960
Seminar	1970 to 1980	2970 to 2980
Capstone Course	---	2990

Note: Modular courses are identified by use of the letters "A through E" instead of fourth digit such as "0". Some laboratory courses are identified by the letter "L" instead of fourth digit such as "0". Independent Study/Research labs are identified by letters "S" and "T" instead of the fourth digit "0". Honors courses are identified by use of the letters "H" instead of fourth digit such as "0". (such as ENG-101H for ENG-1010).

*Prior to Summer 2006, Special Topics courses were numbered as follows: 1800/2800 (lecture); 181S/281S (2 hour lab); 181T/281T (3 hour lab); and 181P/281P (practicum).

APPENDIX VI
Equivalent Courses

The Equivalency Course Chart lists current semester courses that have equivalencies and semester courses that have been officially deleted and therefore are unavailable to students. Each current/deleted course is paired with a course replacement. The course replacement is identical in content and has been renumbered to meet new degree requirements, or is very similar in content and instructional function and has been declared equivalent by content experts in the specific discipline. Active equivalent semester courses have sufficient content similar in nature and instructional function and have been declared equivalent. These course equivalents will be used consistently College-wide.

The concept of repeated courses, point of graduation, and point of course completion are important elements of equivalent courses. These elements are explained below.

Repeated Course: if identified as equivalent, renumbered course may be treated as repeats.

The Equivalent Course Chart identifies a new course as equivalent to a current or deleted course. These new courses carry a different course number and may also carry a different subject code. These identified equivalent renumbered courses will be treated as repeats under the College’s repeated course rules, i.e., credit is earned for only one completion and the single highest grade is computed into the student’s grade point average.

Repeated Modularized Courses: all modularized courses together are equivalent to their source course and may be treated as repeats.

Source courses that have been modularized are indicated in the Course Descriptions of the College Catalog and may be identified by use of letters “A” through “E” in the

fourth position of the course number. Modular courses, when all are completed, are equivalent to the source course. To meet degree requirements, completion of either the source course or all its modules is required. When a source course is used to meet degree requirements, none of the modular courses may be used; and when modular courses are used to meet degree requirements, the source course may not be used.

Since modular courses are equivalent to their source course, modular courses will be treated as repeats under the College’s repeated course rules provided that the earned grade in each of the modular courses is higher than the grade earned in the source course. A source course may be treated as a repeat of all the modules.

Point of Graduation: if a course is a 2000-level course at the time the student graduates, the credits may apply to the 2000-level degree requirement.

A course may be renumbered from a 1000-level course number to a 2000-level course number. The degree requirements for the Associate of Arts, Associate of Science, Associate of Applied Business and Associate of Applied Science, effective Fall 2012, require 12 semester credits at the 2000-level. Students who took a 1000-level course that has since been renumbered to a 2000-level course may use that 2000-level course to meet the 2000-level requirement.

Point of Course Completion: if a course was taken when it carried a 2000-level course number, the semester credits may be applied to the 2000-level degree requirement.

A course may be renumbered from a 2000-level course number to a 1000-level course number. The student may apply the course to the 12 semester credits at the 2000-level requirement if the course carried a 2000-level course number at the time the student took the course.

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
ACCT-1011 (3 Cr.)	Business Math Applications	ACCT-1010 (3 Cr.)		
ACCT-1041 (4 Cr.)	Individual Taxation	ACCT-1040 (3 Cr.)		
ACCT-2995 (3 Cr.)	Accounting Technology	ACCT-1321 (4 Cr.)	ACCT-1320 (4 Cr.)	
ACCT-2041 (4 Cr.)	Business Taxation	ACCT-2040 (3 Cr.)		
ACCT-2500 (4 Cr.)	Government/Non-Profit Accounting	ACCT-250A (2 Cr.) & ACCT-250B (2 Cr.)		
ACCT-1520 (2 Cr.)	QuickBooks Immersion	ACCT-2520 (2 Cr.)		
ANTH-2110 (3 Cr.)	Archaeology	ANTH-1030 (3 Cr.)		
AOS-1201 (4 Cr.)	Word Processing I	AOS-1200 (3 Cr.)	ITAP-1200 (3 Cr.)	OADM-2300 (3 Cr.)
		AOS-1230 (3 Cr.)	ITAP-1230 (2 Cr.)	OADM-1310 (3 Cr.)

Appendix VI: Equivalent Courses

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
AOS-1220 (2 Cr.)	Speed Building	ITAP-1220 (2 Cr.)	OADM-1030 (2 Cr.)	
AOS-1241 (3 Cr.)	Records Management	ITAP-1240 (3 Cr.)	OADM-1040 (3 Cr.)	AOS-1240 (3 Cr.)
AOS-2200 (3 Cr.)	Word Processing II	ITAP-2200 (3 Cr.)		
AOS-2210 (3 Cr.)	Presentation Software	ITAP-2210 (3 Cr.)		
AOS-2220 (3 Cr.)	Electronic Spreadsheet Use and Design	AOS-1250 (3 Cr.)	ITAP-1250 (3 Cr.)	OADM-1050 (3 Cr.)
AOS-2270 (3 Cr.)	Desktop Publishing	ITAP-2270 (3 Cr.)		
AOS-2410 (3 Cr.)	Office Management	BADM-2410 (3 Cr.)		
AOS-2990 (3 Cr.)	Office Procedures and Practices	BADM-2990 (3 Cr.)	OADM-2990 (3 Cr.)	
ART-2020 (3 Cr.)	Art History Survey: Prehistoric to Renaissance	ART-1020 (3 Cr.)		
ART-2030 (3 Cr.)	Art History Survey: Late Renaissance to Present	ART-1030 (3 Cr.)		
ART-1091 (3 Cr.)	Color Theory & Application	ART-1090 (3 Cr.)		
ART-1301 (3 Cr.)	Graphic Design	ART-1300 (3 Cr.)		
ART-1311 (3 Cr.)	Graphic Design II	ART-1310 (3 Cr.)		
ART-2151 (3 Cr.)	Animation for Web and Media	ART-2150 (3 Cr.)		
ART-2180 (3 Cr.)	Sculpture II	ART-1110 (3 Cr.)		
ART-2190 (3 Cr.)	Ceramics II	ART-1710 (3 Cr.)		
ASL-1001 (2 Cr.)	Fingerspelling	ASL-1000 (1 Cr.)		
ASL-2412 (4 Cr.)	Advanced American Sign Language I	ASL-2410 (3 Cr.)	ASL-2411 (4 Cr.)	
ATCT-1301 (2 Cr.)	Introduction to Carpentry	ATCT-1300 (2 Cr.)		
ATCT-1320 (2 Cr.)	Introduction to Hand and Power Tools	ATCT-2320 (2 Cr.)		
ATCT-1331 (2 Cr.)	Concrete Footers and Walls	ATCT-1330 (2 Cr.)		
ATCT-1351 (2 Cr.)	Metal Studs and Dry Walls	ATCT-1350 (2 Cr.)		
ATCT-1381 (2 Cr.)	Wood Framing	ATCT-1380 (2 Cr.)		
ATCT-1491 (2 Cr.)	Residential Steel Framing	ATCT-1490 (2 Cr.)		
ATCT-2341 (2 Cr.)	Concrete Specialties	ATCT-2340 (2 Cr.)		
ATCT-2361 (2 Cr.)	Suspended Ceilings	ATCT-2360 (2 Cr.)		
ATCT-2511 (2 Cr.)	Concrete Columns and Decks	ATCT-2510 (2 Cr.)		
AUTO-1001 (2 Cr.)	Auto Maintenance/Consumer Issues	AUTO-1000 (2 Cr.)		
AUTO-1501 (2 Cr.)	Automotive Electrical Fundamentals	AUTO-1500 (2 Cr.)		
AUTO-2701 (3 Cr.)	Automotive Service Operations	AUTO-2700 (2 Cr.)		
BADM-1000 (2 Cr.)	Business Language Skills	OADM-1000 (2 Cr.)		
BADM-1121 (4 Cr.)	Principles of Management and Organizational Behavior	BADM-1120 (4 Cr.)	BADM-2220 (3 Cr.)	BADM-2200 (3 Cr.)
BADM-2010 (3 Cr.)	Business Communications	OADM-2010 (3 Cr.)		
BADM-2120 (3 Cr.)	Logistics Management	BADM-2300 (3 Cr.)		

Appendix VI: Equivalent Courses

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
BADM-2501 (3 Cr.)	Business Strategies	BADM-2500 (3 Cr.)		
BADM-2600 (2 Cr.)	Introduction to World Trade	MARK-2110 (2 Cr.)		
BIO-2331 (4 Cr.) & BIO-2341 (4 Cr.)	Anatomy and Physiology I & Anatomy and Physiology II	BIO-2330 (4 Cr.) & BIO-2340 (4 Cr.)	BIO-1430 (4 Cr.) & BIO-1440 (4 Cr.)	
BIO-233A (2 Cr.) & BIO-234A (2 Cr.)	A & P I: Skeletal & Muscular Systems & A & P II: Cardiovascular, Lymphatic, Respiratory, and Urinary Systems	BIO-2330 (4 Cr.)	BIO-1430 (4 Cr.)	
BIO-233B (4 Cr.) & BIO-234B (4 Cr.)	A & P I: Nervous, Integumentary, and Endocrine Systems & A&P II: Digestive, Immune, Reproductive Systems	BIO-2340 (4 Cr.)	BIO-1440 (4 Cr.)	
C&CR-1330 (2 Cr.) & C&CR-1340 (2 Cr.)	Realttime Theory II & Realttime Theory III	C&CR-1310 (2 Cr.)	C&CR-1320 (4 Cr.)	
C&CR-1401 (3 Cr.)	Speedbuilding and Transcription at 100 WPM	C&CR-1400 (2 Cr.)		
C&CR-1451 (3 Cr.)	Speedbuilding and Transcription at 140 WPM	C&CR-1450 (2 Cr.)		
C&CR-1521 (2 Cr.)	Realttime Theory Reinforcement	C&CR-1520 (1 Cr.)		
C&CR-1601 (4 Cr.)	Court Reporting Technology	C&CR-1370 (3 Cr.)	C&CR-1371 (2 Cr.) & C&CR-1310 (2 Cr.)	C&CR-1600 (5 Cr.)
C&CR-2401 (3 Cr.)	Speedbuilding and Transcription at 180 WPM	C&CR-2400 (2 Cr.)		
C&CR-2451 (3 Cr.)	Speedbuilding and Transcription at 225 WPM	C&CR-2450 (2 Cr.)		
C&CR-2602 (3 Cr.)	Technical Terminology	C&CR-2600 (3 Cr.)	C&CR-2601 (3 Cr.)	
CHIN-1011 (4 Cr.)	Beginning Chinese Language and Culture I	CHIN-1010 (4 Cr.)		
CHIN-1021 (4 Cr.)	Beginning Chinese Language and Culture II	CHIN-1020 (4 Cr.)		
CJ-1000 (3 Cr.)	Introduction to Criminal Justice	LAW-1000 (3 Cr.)		
CJ-1010 (2 Cr.)	Computers in Criminal Justice	LAW-1010 (2 Cr.)		
CJ-1050 (2 Cr.)	Introduction to Security	LAW-1050 (2 Cr.)		
CJ-1070 (3 Cr.)	Introduction to Corrections	LAW-1070 (2 Cr.)		
CJ-1111 (3 Cr.)	Constitutional Law for Police	LAW-1111 (3 Cr.)	LAW-1110 (3 Cr.)	
CJ-1120 (2 Cr.)	Criminal Court Procedure	LAW-1120 (2 Cr.)		
CJ-1130 (2 Cr.)	Criminal Evidence	LAW-1130 (2 Cr.)		
CJ-1120 (2 Cr.) & CJ-1130 (2 Cr.)	Criminal Court Procedure & Criminal Evidence	LAW-1100 (3 Cr.)		
CJ-1200 (3 Cr.)	Economic Crime Investigation	LAW-1200 (3 Cr.)		
CJ-1300 (4 Cr.)	Patrol Operations	LAW-1300 (4 Cr.)		

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
CJ-1310 (3 Cr.)	Traffic Enforcement and Investigation	LAW-1310 (3 Cr.)		
CJ-1320 (2 Cr.)	Ethics in Criminal Justice	LAW-1320 (2 Cr.)		
CJ-1330 (3 Cr.)	Criminal Law	LAW-1330 (2 Cr.)	LAW-2320 (3 Cr.)	
CJ-1400 (4 Cr.)	Assets Protection	LAW-1400 (4 Cr.)		
CJ-1500 (4 Cr.)	Community Intervention Resources	LAW-1500 (4 Cr.)		
CJ-2200 (3 Cr.)	Interviews & Interrogations	LAW-2200 (3 Cr.)		
CJ-2210 (3 Cr.)	Organized Crime	LAW-2210 (3 Cr.)		
CJ-2230 (3 Cr.)	Undercover Operations	LAW-2230 (3 Cr.)		
CJ-2300 (3 Cr.)	Juvenile Delinquency	LAW-2300 (3 Cr.)		
CJ-2350 (3 Cr.)	Special Issues in Criminal Justice	LAW-2350 (3 Cr.)		
CJ-2360 (3 Cr.)	Community Oriented Policing	LAW-2360 (3 Cr.)		
CJ-2370 (3 Cr.)	Fire Arms Techniques	LAW-2370 (3 Cr.)		
CJ-2380 (3 Cr.)	Defensive Driving	LAW-2380 (3 Cr.)		
CJ-2390 (4 Cr.)	The Investigative Process	LAW-2390 (4 Cr.)	LAW-2310 (4 Cr.)	
CJ-2400 (4 Cr.)	Security Management	LAW-2400 (4 Cr.)		
CJ-2410 (3 Cr.)	Security Investigation	LAW-2410 (3 Cr.)		
CJ-2420 (3 Cr.)	Legal Aspects of Private Security	LAW-2420 (3 Cr.)		
CJ-2440 (2 Cr.)	Protection Services	LAW-2440 (2 Cr.)		
CJ-2510 (4 Cr.)	Community Supervision and Aftercare	LAW-2510 (4 Cr.)		
CJ-2530 (3 Cr.)	Correctional Case Management	LAW-2530 (3 Cr.)		
CJ-2830 (1-3 Cr.)	Cooperative Field Experience	LAW-2830 (1-3 Cr.)		
CJ-2840 (3 Cr.)	Corrections: Principles & Practices	LAW-2540 (3 Cr.)		
CJ-2990 (4 Cr.)	Issues in Supervision	LAW-2990 (4 Cr.)	LAW-2340 (3 Cr.)	
CNST-1281 (3 Cr.)	Construction Engineering Orientation	CNST-1280 (2 Cr.)		
CNST-1410 (3 Cr.)	Architectural CAD I	ARCH-1410 (3 Cr.)		
CNST-1420 (3 Cr.)	Architectural CAD II	ARCH-1420 (3 Cr.)		
CNST-1731 (3 Cr.)	Construction Print Reading	CNST-1730 (2 Cr.)		
CNST-2110 (3 Cr.)	Basic Survey Practices	ARCH-2110 (3 Cr.)		
CNST-2130 (3 Cr.)	Construction Methods, Materials and Equipment	ARCH-2320 (3 Cr.)		
CNST-2210 (3 Cr.)	Mechanical & Electrical Systems	ARCH-2210 (3 Cr.)		
CNST-2250 (3 Cr.)	Advanced Construction Print Reading	CNST-2120 (3 Cr.)	ARCH-1430 (3 Cr.)	
CNST-2330 (3 Cr.)	Construction Scheduling	CNST-2530 (3 Cr.)	ARCH-2420 (3 Cr.)	
CNST-2410 (3 Cr.)	Principles of Structural Design	ARCH-2410 (3 Cr.)		
CNST-2631 (3 Cr.)	Construction Management Systems	CNST-2630 (3 Cr.)	ARCH-2220 (3 Cr.)	
CNST-2990 (3 Cr.)	Construction Estimating and Cost Analysis	CNST-2320 (3 Cr.)	ARCH-2310 (3 Cr.)	

Appendix VI: Equivalent Courses

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
DANC-1501 (3 Cr.)	Dance Fundamentals	DANC-1500 (3 Cr)		
DANC-1401 (1 Cr.)	African Dance I	DANC-1400 (3 Cr.)		
DANC-2400 (1 Cr.)	African Dance II	DANC-1410 (3 Cr.)		
DENT-1210 (3 Cr.)	General and Oral Histopathology	BIO-1210 (4 Cr.)		
DENT-1311 (2 Cr.)	Dental Anatomy, Histology & Embryology	DENT-1310 (2 Cr.)		
DENT-1341 (1 Cr.)	Foundational Principles of Dental Hygiene Practice	DENT-1340 (1 Cr.)		
DENT-1431 (2 Cr.)	Head and Neck Anatomy	DENT-1430 (3 Cr.)		
DENT-2332 (2 Cr.)	Pharmacology & Therapeutics	DENT-2331 (3 Cr.)		
DENT-2340 (1 Cr.) & DENT-2440 (1 Cr.)	Community Oral Health I & Community Oral Health II	DENT-2410 (2 Cr.)		
DENT-2990 (1 Cr.)	Dental Hygiene Practice	DENT-2430 (1 Cr.)		
DIET-1200 (3 Cr.) & DIET-1320 (1 Cr.)	Basic Nutrition & Nutrition Applications	DIET-1300 (4 Cr.)		
DIET-1331 (4 Cr.)	Food Production Fundamentals	DIET-1330 (6 Cr.)		
DIET-2301 (3 Cr.)	Medical Nutrition Therapy I	DIET-2300 (2 Cr.)		
DIET-2311 (3 Cr.)	Medical Nutrition Therapy II	DIET-2310 (2 Cr.)		
DIET-2410 (1 Cr.) & DIET-2420 (1 Cr.) & DIET-2430 (1 Cr.)	Life Cycle Nutrition - Pregnancy and Lactation & Life Cycle Nutrition - Nutrition for Children & Life Cycle Nutrition - Nutrition Through Adulthood	DIET-2400 (3 Cr.)		
DIET-2501 (2 Cr.)	Nutrition Applications in Long Term Care	DIET-2500 (3 Cr.)		
DIET-2862 (2 Cr.) & DIET-2863 (2 Cr.)	Geriatric Nutrition Practicum & Community Nutrition Practicum	DIET-2861 (4 Cr.)		
DIS-1300 (3 Cr.)	Interpreting Fundamentals	ITP-1300 (3 Cr.)		
DIS-1310 (2 Cr.)	Interpreting I	ITP-1310 (2 Cr.)		
DIS-1402 (3 Cr.)	ASL Linguistics	DIS-1401 (3 Cr.)	ITP-1400 (2 Cr.)	
DIS-1940 (1 Cr.)	Field Experience I	ITP-1850 (2 Cr.)	DIS-1850 (2 Cr.)	
DIS-1971 (1 Cr.)	Field Experience Seminar I	ITP-1970 (1 Cr.)	DIS-1970 (1 Cr.)	
DIS-2300 (2 Cr.)	Transliterating	ITP-2300 (2 Cr.)		
DIS-2310 (2 Cr.)	Interpreting II	ITP-2310 (2 Cr.)		
DIS-2410 (2 Cr.)	Voicing	ITP-2410 (2 Cr.)		
DIS-2940 (1 Cr.)	Field Experience II	ITP-2850 (2 Cr.)	DIS-2850 (2 Cr.)	
DIS-2971 (1 Cr.)	Field Experience Seminar II	ITP-2970 (1 Cr.)	DIS-2970 (1 Cr.)	
DMS-1071 (2 Cr.)	Concepts of Physics in Diagnostic Sonography	PHYS-1070 (2 Cr.)	DMS-1070 (2 Cr.)	
DMS-1303 (2 Cr.)	Introduction to Sonography	DMS-1302 (1 Cr.)		
DMS-1311 (2 Cr.)	Initial Sonographic Scanning	DMS-1310 (2 Cr.)		

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
DMS-1351 (1 Cr.)	Patient Care Skills	DMS-1340 (1 Cr.) & DMS-1350 (1 Cr.)		
DMS-1381 (3 Cr.)	Cardiac Diagnostic Procedures	DMS-1380 (4 Cr.)		
DMS-1401 (3 Cr.)	Abdominal Sonography I	DMS-1400 (3 Cr.)		
DMS-1602 (4 Cr.)	Echocardiography I	DMS-1360 (2 Cr.) & DMS-1601 (3 Cr.)		
DMS-1702 (4 Cr.)	Vascular Sonography I	DMS-1360 (2 Cr.) & DMS-1701 (4 Cr.)		
DMS-1940 (1 Cr.)	Field Experience I	DMS-1911 (2 Cr.)	DMS-1910 (3 Cr.)	
DMS-1950 (2 Cr.)	Field Experience II	DMS-1921 (4 Cr.)	DMS-1920 (4 Cr.)	
DMS-2301 (2 Cr.)	Intermediate Sonographic Scanning	DMS-2300 (1 Cr.) & DMS-2310 (1 Cr.)		
DMS-2330 (3 Cr.)	Sonographic Pathology	DMS-1330 (3 Cr.)		
DMS-2401 (4 Cr.)	Abdominal Sonography II	DMS-2400 (4 Cr.)		
DMS-2602 (4 Cr.)	Echocardiography II	DMS-1370 (2 Cr.) & DMS-2601 (3 Cr.)		
DMS-2702 (4 Cr.)	Vascular Sonography II	DMS-1370 (2 Cr.) & DMS-2701 (3 Cr.)		
DMS-2940 (3 Cr.)	Field Experience III	DMS-1922 (6 Cr.)		
DMS-2981 (1 Cr.) & DMS-2985 (1 Cr.)	Specialty Registry Review & Physics Review	DMS-2980 (2 Cr.)		
DMS-2991 (1 Cr.)	Sonography Capstone	DMS-2990 (1 Cr.)		
ECED-1301 (3 Cr.)	Language and Literacy in an Integrated Curriculum	ECED-1300 (3 Cr.)		
ECED-1311 (3 Cr.)	Art and Creative Expression in an Integrated Curriculum	ECED-1310 (2 Cr.)		
ECED-1321 (3 Cr.)	Math and Science Inquiry in an Integrated Curriculum	ECED-1320 (2 Cr.)		
ECED-1331 (3 Cr.)	Music & Movement in an Integrated Curriculum	ECED-1330 (4 Cr.)		
ECED-2401 (3 Cr.)	Families, Communities & Schools	ECED-2400 (2 Cr.)		
ECED-2700 (3 Cr.)	Including Children with Special Needs	ECED-1700 (3 Cr.)		
ECON-2610 (4 Cr.)	Principles of Macroeconomics	ECON-1610 (3 Cr.)		
ECON-2620 (4 Cr.)	Principles of Microeconomics	ECON-1620 (3 Cr.)		
EDUC-1011 (3 Cr.)	Introduction to Education	EDUC-1010 (3 Cr.)		
EDUC-1411 (3 Cr.)	Individuals with Exceptionalities	EDUC-1410 (3 Cr.)		
EET-1015 (3 Cr.)	Introduction to Computer Maintenance and Repair	EET-1001 (3 Cr.)	EET-1000 (2 Cr.)	
EET-1035 (4 Cr.)	Operating Systems and Software for PC Technicians	EET-1021 (3 Cr.) & EET-1031 (3 Cr.)	EET-1010 (2 Cr.) & EET-1020 (2 Cr.) & EET-1030 (2 Cr.)	
EET-1055 (4 Cr.)	Computer Hardware Support	EET-1051 (2 Cr.) & EET-1071 (2 Cr.) & EET-1091 (1 Cr.)	EET-1050 (3 Cr.) & EET-1070 (1 Cr.) & EET-1040 (1 Cr.) & EET-1090 (1 Cr.)	
EET-1081 (1 Cr.)	Computer User Support	EET-1080 (1 Cr.)		

Appendix VI: Equivalent Courses

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
EET-1161 (3 Cr.)	Direct Current Circuits	EET-1110 (3 Cr.)	EET-1160 (2 Cr.) & EET-1170 (2 Cr.)	
EET-1180 (1 Cr.)	Surface Mount Soldering	EET-2160 (1 Cr.)		
EET-1190 (2 Cr.)	Printed Circuit Layout	EET-2150 (1 Cr.)		
EET-1241 (3 Cr.)	Digital Fundamentals	EET-1240 (3 Cr.)		
EET-1302 (3 Cr.)	Cisco I: Basic Networking Technologies	EET-1300 (2 Cr.)	EET-1301 (3 Cr.)	
EET-1312 (3 Cr.)	Cisco II: Basic Routing & Switching	EET-1310 (2 Cr.)	EET-1311 (3 Cr.)	
EET-2111 (3 Cr.)	Industrial Electronics I	EET-2110 (3 Cr.)		
EET-2242 (3 Cr.)	C and ASM Programming with Embedded Applications	EET-2240 (3 Cr.)	EET-2241 (3 Cr.)	
EET-2302 (3 Cr.)	Cisco III: Intermediate Routing and Switching	EET-2300 (2 Cr.)	EET-2301 (3 Cr.)	
EET-2312 (3 Cr.)	Cisco IV: Basic WAN Technologies	EET-2301 (2 Cr.)	EET-2311 (3 Cr.)	
EET-2901 (3 Cr.)	Clinical Internship	EET-2900 (4 Cr.)		
END-2411 (3 Cr.)	Neurophysiology of Electroencephalography/ Sleep Disorders	END-2410 (2 Cr.)	END-1400 (2 Cr.)	
END-2911 (2 Cr.)	END Directed Practice II	END-2910 (4 Cr.)		
EMT-1302 (6 Cr.) & EMT-130L (1 Cr.)	Emergency Medical Technician - Basic & EMT Basic Practical Lab	EMT-1300 (5 Cr.) & EMT-1740 (1 Cr.)	EMT-1301 (7 Cr.)	
EMT-1401 (4 Cr.)	EMT-1400 (4 Cr.)			
EMT-2330 (6 Cr.) & EMT-2340 (6 Cr.)	Paramedic Theory I & Paramedic Theory II	EMT-2310 (10 Cr.)		
EMT-2350 (6 Cr.) & EMT-2360 (6 Cr.)	Paramedic Theory III & Paramedic Theory IV	EMT-2320 (10 Cr.)		
EHST-1301 (3 Cr.) & EHST-1330 (3 Cr.)	Introduction to Environmental Technology & Hazardous Waste Operations and Emergency Response	EHST-1300 (4 Cr.)		
EHST-2220 (2 Cr.)	EH&S Management Systems	EHST-1320 (2 Cr.)	EHST-132A (1 Cr.) & EHST-132B (1 Cr.)	
EHST-2341 (2 Cr.)	Hazardous Materials Transportation	EHST-2340 (2 Cr.)		
EHST-2351 (2 Cr.)	Emergency Planning and Response	EHST-2350 (2 Cr.)		
EHST-2361 (4 Cr.)	Environmental Sampling and Analysis	EHST-2360 (4 Cr.)		
EHST-2371 (1 Cr.)	Occupational Safety and Health Act/Department of Transportation Refresher	EHST-2370 (2 Cr.)		
EHST-2991 (3 Cr.)	Professional Practice	EHST-2400 (1 Cr.)		
EHST-2820 (1 Cr.)	*Contact program manager to arrange independent study for students who need EHST-2990 to complete program	EHST-2990 (1 Cr.)		

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
ENG-1001 (3 Cr.)	Intensive College Reading & Writing	ENG-1000 (3 Cr.)		
ENG-2151 (3 Cr.)	Technical Writing	ENG-2150 (3 Cr.)		
ENG-2601 (3 Cr.)	Literature for Children and Adolescents	ENG-2600 (3 Cr.)		
ESL-1121 (4 Cr.)	English as a Second Language: Reading & Writing I	ESL-1120 (5 Cr.)		
ESL-1131 (4 Cr.)	English as a Second Language: Speaking and Listening I	ESL-1130 (3 Cr.)		
ESL-1221 (4 Cr.)	English as a Second Language: Reading and Writing II	ESL-1220 (5 Cr.)		
ESL-1231 (4 Cr.)	English as a Second Language: Speaking and Listening II	ESL-1230 (3 Cr.)		
ESL-1321 (4 Cr.)	English as a Second Language: reading and Writing III	ESL-1320 (5 Cr.)		
ESL-1331 (4 Cr.)	English as a Second Language: Speaking and Listening III	ESL-1330 (3 Cr.)		
FIN-1061 (3 Cr.)	Personal Finance	FIN-1060 (2 Cr.)		
FIRE-2321 (2 Cr.)	Fire Protection Systems	FIRE-2320 (3 Cr.)		
FIRE-2351 (3 Cr.)	Building Construction Fire Protection	FIRE-2350 (2 Cr.)		
FIRE-2401 (3 Cr.)	Fire Protection Hydraulics and Water Supply	FIRE-2400 (2 Cr.)		
GEN-1022 (3 Cr.)	Strategies for Success	GEN-1021 (3 Cr.)	GEN-1020 (2 Cr.)	
GEN-1032 (2 Cr.)	Information Literacy and Library Research	GEN-1031 (2 Cr.)	GEN-1030 (2 Cr.)	
HTEC-1040 (1 Cr.)	Health Career Exploration	HLTH-1200 (2 Cr.)		
HIM-1010 (1 Cr.)	Basic Medical Transcription	MA-1420 (1 Cr.)		
HIM-1112 (4 Cr.)	Physician Office Coding	HIM-1110 (2 Cr.)	HIM-1111 (3 Cr.)	
HIM-1111 (3 Cr.) & HIM-1120 (3 Cr.)	Physician Office Coding & Medical Billing Practices	MA-2520 (3 Cr.)		
HIM-1121 (2 Cr.)	Medical Billing Practices	HIM-1120 (3 Cr.)		
HIM-1301 (3 Cr.)	Introduction to Health Information Management	HIM-1300 (4 Cr.)		
HIM-1311 (3 Cr.)	Legal Aspects of Health Care	HIM-1310 (2 Cr.)		
HIM-1401 (2 Cr.)	Systems in Health Care Delivery	HIM-1400 (3 Cr.)		
HIM-1411 (2 Cr.)	Healthcare Statistical Application & Research	HIM-1410 (2 Cr.)		
HIM-1423 (3 Cr.)	Health Data Documentation, Sources, and Classification Systems	HIM-1421 (3 Cr.)	HIM-1420 (3 Cr.)	HIM-1422 (3 Cr.)
HIM-1431 (3 Cr.)	Healthcare Informatics and Information Management	HIM-1430 (2 Cr.)		
HIM-2130 (2 Cr.)	Coding with CPT	HIM-1130 (2 Cr.)		

Appendix VI: Equivalent Courses

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
HIM-2130 (2 Cr.) & HIM-2150 (2 Cr.)	Coding with CPT & Coding with ICD-9-CM	HIM-2300 (4 Cr.)		
HIM-2150 (2 Cr.)	Coding with ICD-9-CM	HIM-1150 (2 Cr.)		
HIM-2312 (3 Cr.)	Quality Assessment & Improvement	HIM-2311 (2 Cr.)	HIM-2310 (3 Cr.)	
HIM-2401 (2 Cr.) & HIM-2430 (2 Cr.)	Intermediate Coding & Medical Reimbursement Methodologies	HIM-2400 (4 Cr.)		
HIM-2851 (3 Cr.)	Practicum I	HIM-2850 (2 Cr.)		
HIM-2861 (3 Cr.)	Practicum II	HIM-2860 (2 Cr.)		
HIST-2150 (3 Cr.)	African American History to 1877	HIST-1710 (3 Cr.)		
HIST-2160 (3 Cr.)	African American History 1877-Present	HIST-1720 (3 Cr.)		
HIST-2051 (3 Cr.)	History of Russia to 1917	HIST-2050 (3 Cr.)		
HOSP-1031 (3 Cr.)	Fundamentals of Culinary Arts	HOSP-1030 (3 Cr.)		
HOSP-1360 (3 Cr.)	Fundamentals of Restaurant/ Foodservice Management	HOSP-1370 (3 Cr.)		
HOSP-1451 (4 Cr.)	Contemporary Cuisine	HOSP-1450 (4 Cr.)		
HOSP-1481 (3 Cr.)	Housekeeping and Facilities Management	HOSP-1480 (2 Cr.)		
HOSP-1552 (3 Cr.)	Baking Production and Sales I	HOSP-1550 (2 Cr.)	HOSP-1551 (3 Cr.)	
HOSP-1650 (2 Cr.) & HOSP-1680 (2 Cr.)	Dining Room Operations & Beverage Management	HOSP-1670 (3 Cr.)		
HOSP-1940 (1-3 Cr.)	Culinary/Professional Baking Field Experience	HOSP-1860 (3 Cr.)	HOSP-186A (2 Cr.)	HOSP-186B (2 Cr.)
HOSP-1950 (1-3 Cr.)	Restaurant/Food Service Management Field Experience	HOSP-1860 (3 Cr.)	HOSP-186C (2 Cr.)	
HOSP-1960 (1-3 Cr.)	Lodging/Tourism Field Experience	HOSP-1860 (3 Cr.)	HOSP-186D (2 Cr.)	
HOSP-2340 (3 Cr.)	Menu Planning for Healthy Living	HOSP-1350 (3 Cr.)		
HOSP-2651 (4 Cr.)	Banquet Management and Production	HOSP-2650 (4 Cr.)		
HOSP-2700 (2 Cr.)	Hospitality Purchasing	HOSP-1700 (2 Cr.)		
HOSP-2862 (2 Cr.)	Lodging and Tourism Management Experience	HOSP-2860 (4 Cr.)	HOSP-2861 (4 Cr.)	
HOSP-2871 (2 Cr.)	Food & Beverage Management Experience	HOSP-2870 (4 Cr.)		
HOSP-2992 (2 Cr.) & HOSP-2560 (5 Cr.)	Culinary Evaluation and American Regional Cuisine & Garde Manger	HOSP-2990 (2 Cr.)	HOSP-2991 (3 Cr.)	
HS-1101 (4 Cr.)	Foundations of Substance Abuse and Addiction	HS-1100 (3 Cr.)	HS-1400 (2 Cr.)	
HS-1110 (3 Cr.)	Crisis Intervention and Child Abuse Issues	HS-2420 (2 Cr.)		

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
HS-1200 (4 Cr.)	Treatment Modalities and Diversity Issues in Chemical Dependency	HS-1310 (2 Cr.) & HS-2310 (2 Cr.)		
HS-1210 (2 Cr.)	Prevention and Chemical Dependency	HS-1320 (2 Cr.)		
HS-1220 (4 Cr.)	Diagnostic Tools and Legal Considerations	HS-1410 (2 Cr.) & HS-1420 (2 Cr.)		
HS-2200 (3 Cr.)	Ethics in Chemical Dependency	HS-2320 (2 Cr.)		
HS-2300 (4 Cr.)	Family Theory and Services	HS-2410 (2 Cr.)		
HS-2600 (4 Cr.)	Systems Approach to Case Management	HS-2510 (2 Cr.) & HS-2520 (2 Cr.)		
HUM-175H (3 Cr.)	Honors Forum: Critical Issues	HUM-1750 (3 Cr.)		
INTD-1111 (3 Cr.)	Introduction to Interior Design	INTD-1110 (2 Cr.)		
INTD-2851 (1 Cr.)	Interior Design Field Experience	INTD-2850 (3 Cr.)		
IT-1000 (2 Cr.)	Keyboarding	OADM-1010 (2 Cr.)		
IT-1010 (3 Cr.) & IT-1020 (2 Cr.)	Introduction to Microcomputer Applications & Information Technology Concepts	CS-1020 (3 Cr.)		
IT-1010 (3 Cr.)	Introduction to Microcomputer Applications	OADM-1020 (3 Cr.)		
IT-1030 (2 Cr.)	Internet Fundamentals	CS-1030 (2 Cr.)		
IT-1040 (3 Cr.)	Microcomputer Operating Systems	CS-1320 (3 Cr.)		
IT-1050 (3 Cr.)	Programming Logic	CS-1350 (3 Cr.)		
IT-1060 (2 Cr.)	Introduction to Windows	OADM-1060 (2 Cr.)		
IT-1150 (3 Cr.)	Introduction to Web Programming	ITWM-1010 (3 Cr.)		
IT-2030 (4 Cr.)	ASP.NET Web Programming	ITWM-2030 (4 Cr.)		
IT-2320 (4 Cr.)	Interactive Internet Programming	ITWM-2320 (4 Cr.)		
IT-2300 (3 Cr.)	Database Use and Design	CS-1410 (3 Cr.)		
IT-2351 (4 Cr.)	Enterprise Database Systems	IT-2350 (4 Cr.)		
IT-2620 (4 Cr.)	Visual Basic .NET Programming	ITMP-2620 (4 Cr.)		
IT-2650 (4 Cr.)	Java Programming	ITMP-2650 (4 Cr.)		
IT-2660 (4 Cr.)	Data Structure & Algorithms	ITMP-2660 (4 Cr.)		
IT-2670 (4 Cr.)	C/C++ Programming Language	CS-2670 (4 Cr.)	ITMP-2670 (4 Cr.)	
IT-2700 (3 Cr.)	Systems Analysis and Design	CS-2700 (3 Cr.)		
ITNT-2300 (3 Cr.)	Network Fundamentals	CS-2400 (3 Cr.)		
JAPN-1011 (4 Cr.)	Beginning Japanese Language and Culture I	JAPN-1010 (4 Cr.)		
JAPN-1021 (4 Cr.)	Beginning Japanese Language and Culture II	JAPN-1020 (4 Cr.)		
JAPN-2011 (4 Cr.)	Intermediate Japanese Language and Culture I	JAPN-2010 (4 Cr.)		

Appendix VI: Equivalent Courses

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
JAPN-2021 (4 Cr.)	Intermediate Japanese Language and Culture II	JAPN-2020 (4 Cr.)		
JAPN-2411 (3 Cr.)	Advanced Japanese Language and Culture I	JAPN-2410 (3 Cr.)		
JAPN-2421 (3 Cr.)	Advanced Japanese Language and Culture II	JAPN-2420 (3 Cr.)		
JMC-1210 (3 Cr.)	Intro to Radio & Television	JMC-2210 (3 Cr.)		
MA-1110 (2 Cr.)	Reimbursement for Physician Services	HIM-1118 (1 Cr.)		
MA-1321 (2 Cr.) & MA-132L (1 Cr.)	Office Laboratory Procedures & Office Laboratory Procedures	MA-1300 (2 Cr.) & MA-1310 (2 Cr.)	MA-1320 (3 Cr.)	
MA-1402 (2 Cr.) & MA-140L (1 Cr.)	Basic Clinical Medical Assisting & Basic Clinical Medical Assisting Lab	MA-1400 (2 Cr.)	MA-1401 (1 Cr.) & MA-140L (1 Cr.)	
MA-1503 (2 Cr.) & MA-150L (1 Cr.)	Administrative Procedures for the Medical Office & Administrative Procedures Lab	MA-1500 (3 Cr.)	MA-1501 (3 Cr.)	MA-1502 (3 Cr.) & MA-150L (1 Cr.)
MA-2010 (2 Cr.)	Medical Terminology II	MA-1030 (2 Cr.)		
MA-2413 (3 Cr.) & MA-240L (1 Cr.)	Advanced Clinical Medical Assisting & Advanced Clinical Medical Assisting Lab	MA-1410 (3 Cr.) & MA-2410 (3 Cr.)	MA-2411 (3 Cr.)	MA-2412 (2 Cr.) & MA-241L (1 Cr.)
MARS-1180 (3 Cr.)	Introduction to Media Arts and Filmmaking	VCDV-1180 (3 Cr.)	GCMT-2700 (3 Cr.)	VCIM-2170 (3 Cr.)
MARS-2180 (3 Cr.)	Digital Cinematography	VCDV-2180 (3 Cr.)		
MARS-2280 (3 Cr.)	Short Films: Exploring Genre and Technique	VCDV-2280 (3 Cr.)		
MARS-2380 (3 Cr.)	Visual Effects	VCDV-2380 (3 Cr.)		
MARS-2680 (3 Cr.)	Digital Cinematography II	VCDV-2680 (3 Cr.)		
MARS-2780 (3 Cr.)	Motion Graphics II	VCDV-2780 (3 Cr.)		
MATH-0855 (2 Cr.)	Mastering MATH 0955	MATH-0850 (2 Cr.)		
MATH-0955 (3 Cr.)	Beginning Algebra	MATH-0950 (4 Cr.)	MATH-0960 (4 Cr.)	MATH-0980 (5 Cr.)
MATH-0965 (3 Cr.)	Intermediate Algebra	MATH-1280 (5 Cr.)	MATH-1270 (4 Cr.)	MATH-1200 (4 Cr.)
MATH-1100 (3 Cr.)	Mathematical Explorations	MATH-1141 (3 Cr.)	MATH-1140 (2 Cr.)	MATH-1060 (3 Cr.)
MATH-1240 (3 Cr.)	Contemporary Mathematics	MATH-1250 (4 Cr.)	MATH-1141 (3 Cr.)	MATH-1140 (2 Cr.)
MATH-1530 (4 Cr.)	College Algebra	MATH-1521 (4 Cr.)	MATH-1520 (3 Cr.)	MATH-152H (3 Cr.)
MATH-153H (4 Cr.)	Honors College Algebra	MATH-152H (4 Cr.)	MATH-1521 (4 Cr.)	MATH-1520 (3 Cr.)
MATH-1540 (3 Cr.)	Trigonometry	MATH-1510 (3 Cr.)	MATH-151H (3 Cr.)	

Appendix VI: Equivalent Courses

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
MATH-154H (3 Cr.)	Honors Trigonometry	MATH-151H (3 Cr.)	MATH-1510 (3 Cr.)	
MET-1120 (2 Cr.)	Computer Applications and Programming	MIT-1100 (2 Cr.)		
MET-1230 (3 Cr.)	Drawing & AutoCAD	MET-1200 (2 Cr.) & MET-1220 (2 Cr.)	MIT-1200 (2 Cr.) & MIT-1220 (2 Cr.)	
MET-1240 (3 Cr.)	Machine Tools & Processes	MIT-1250 (3 Cr.)		
MET-1300 (3 Cr.)	Engineering Materials & Metallurgy	MIT-1300 (3 Cr.)		
MET-1400 (3 Cr.)	CNC Programming & Operations	MIT-1600 (3 Cr.)		
MET-1601 (3 Cr.)	Technical Statics	MET-1600 (2 Cr.)		
MET-1621 (3 Cr.)	Technical Dynamics	MET-1620 (2 Cr.)		
MET-2000 (3 Cr.)	CAD/CAM Processes	MIT-2000 (3 Cr.)	MIT-1700 (3 Cr.)	
MET-2041 (3 Cr.)	CAD II & GD&T	MET-2040 (3 Cr.)	MIT-2040 (3 Cr.)	MIT-1950 (3 Cr.)
MET-2050 (3 Cr.)	Solid Modeling in 3D	MIT-2051 (3 Cr.)	MIT-2050 (3 Cr.)	
MET-2220 (3 Cr.)	Advanced CAD/CAM Processes	MIT-2700 (3 Cr.)		
MET-2400 (3 Cr.)	Statistical Quality Control	MIT-2400 (3 Cr.)		
MET-2422 (3 Cr.)	Fundamentals of Engineering Economics	MET-2420 (4 Cr.)	MET-2421 (2 Cr.)	
MET-2500 (3 Cr.)	Product Development & Manufacturing	MIT-2200 (3 Cr.)		
MET-2601 (3 Cr.)	3D Solid Modeling	MET-2600 (3 Cr.)		
MET-2730 (3 Cr.)	Intro to Manufacturing Management	MIT-2730 (3 Cr.)		
MET-2740 (3 Cr.)	Quality Manufacturing	MIT-2740 (3 Cr.)		
MET-2830 (1-3 Cr.)	Cooperative Field Experience	MIT-2830 (1-3 Cr.)		
MET-2941 (1-4 Cr.)	Additive Manufacturing Internship	MET-2940 (1 Cr.)		
MT-1242 (3 Cr.) & MT-1272 (3 Cr.)	Fundamentals of Somatic Studies I & Fundamentals of Somatic Studies II	MT-1240 (4 Cr.)	MT-1241 (4 Cr.)	
MT-1272 (3 Cr.) & MT-1280 (3 Cr.)	Fundamentals of Somatic Studies II & Fundamentals of Somatic Studies III	MT-1270 (4 Cr.)	MT-1271 (4 Cr.)	
MT-1302 (2 Cr.)	Massage Therapy I	MT-1300 (4 Cr.)	MT-1301 (3 Cr.)	
MT-1312 (3 Cr.)	Applied Musculo-Skeletal Anatomy	MT-1310 (3 Cr.)	MT-1311 (4 Cr.)	
MT-1321 (2 Cr.)	Functional Assessment in Massage Therapy	MT-1320 (3 Cr.)		
MT-1331 (3 Cr.)	Massage Therapy II	MT-1330 (3 Cr.)		
MT-2301 (3 Cr.)	Pathology for Massage Therapists	MT-2300 (4 Cr.)		
MT-2311 (3 Cr.)	Advanced Massage Therapy	MT-2310 (3 Cr.)		
MT-2350 (3 Cr.)	Massage Therapy Clinic I	MT-2341 (3 Cr.)	MT-2340 (2 Cr.)	MT-2342 (2 Cr.)
MT-2360 (3 Cr.)	Massage Therapy Clinic II	MT-2851 (3 Cr.)	MT-2850 (4 Cr.)	MT-2852 (2 Cr.)

Appendix VI: Equivalent Courses

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
MT-2380 (3 Cr.)	Advanced Massage Therapy Clinic	MT-2870 (2 Cr.)		
MT-2701 (1 Cr.)	Comprehensive Somatic Studies for Massage Therapists	MT-2700 (2 Cr.)		
MT-2861 (3 Cr.)	Geriatric Massage Practicum	MT-2860 (4 Cr.)		
MT-2991 (1 Cr.)	Comprehensive Massage Therapy	MT-2990 (1 Cr.)		
MUS-1460 (2 Cr.)	Applied Music I	MUS - All deleted Applied Music I classes are equivalent - see music department faculty coordinators		
MUS-1470 (2 Cr.)	Applied Music II	MUS - All deleted Applied Music II classes - see music department faculty coordinators		
MUS-2460 (2 Cr.)	Applied Music III	MUS - All deleted Applied Music III classes - see music department faculty coordinators		
MUS-2470 (2 Cr.)	Applied Music IV	MUS - All deleted Applied Music IV classes - see music department faculty coordinators		
NMED-1301 (3 Cr.) & NMED-130L (1 Cr.)	Nuclear Medicine Procedures I & Nuclear Medicine Laboratory I	NMED-1300 (4 Cr.)		
NMED-2301 (3 Cr.) & NMED-230L (1 Cr.)	Nuclear Medicine Procedures II & Nuclear Medicine Laboratory II	NMED-2300 (4 Cr.)		
NMED-2410 (4 Cr.)	Nuclear Medicine Safety & Biology	NMED-2400 (3 Cr.)		
NURS-1451 (7 Cr.)	Self Care Needs: Adult Life Span	NURS-1401 (4 Cr.) & NURS-1500 (4 Cr.)	NURS-1450 (8 Cr.)	
NURS-1601 (7 Cr.)	Health Deviations I	NURS-1600 (8 Cr.)		
NURS-2301 (8 Cr.)	Specialized Health Care Needs	NURS-2300 (9 Cr.)		
NURS-2501 (8 Cr.)	Health Deviations II	NURS-2500 (9 Cr.)		
OPT-1911 (4 Cr.)	Ophthalmic Assisting Directed Practice	OPT-1910 (4 Cr.)		
OPT-2501 (3 Cr.)	Optical Business	OPT-2500 (2 Cr.)		
OPT-2861 (3 Cr.) & OPT-2970 (3 Cr.)	Optical Practicum I & Optical Practicum Seminar I	OPT-2330 (2 Cr.) & OPT-2430 (3 Cr.) & OPT-2530 (3 Cr.) & OPT-2630 (3 Cr.)		
OPT-2870 (3 Cr.) & OPT-2980 (3 Cr.)	Optical Practicum II & Optical Practicum Seminar II	OPT-2440 (3 Cr.) & OPT-2540 (3 Cr.) & OPT-2640 (2 Cr.) & OPT-2700 (3 Cr.) & OPT-2860 (2 Cr.)		
OTAT-1980 (2 Cr.)	Therapeutic Use of Self	MA-1980 (2 Cr.)		
PE-1031 (1 Cr.)	Introduction to Lifetime Fitness I	PE-1030 (1 Cr.)		
PE-1041 (1 Cr.)	Introduction to Lifetime Fitness II	PE-1040 (1 Cr.)		
PE-1051 (1 Cr.)	Adapted Lifetime Fitness	PE-1050 (1 Cr.)		
PE-1421 (2 Cr.)	Camping	PE-1420 (2 Cr.)		
PHIL-2031 (3 Cr.)	Philosophy of Science	PHIL-2030 (3 Cr.)		
PL-1001 (3 Cr.)	Introduction to Paralegal Profession	PL-1000 (2 Cr.)		

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
PL-1502 (3 Cr.)	Law Office Technology	PL-1500 (3 Cr.)	PL-1501 (2 Cr.)	
PL-2420 (3 Cr.)	Probate Law	PL-1420 (3 Cr.)		
PL-2440 (3 Cr.) & PL-2460 (3 Cr.)	Business Transactions & Business Organizations	PL-1440 (4 Cr.)		
PL-2301 (4 Cr.)	Torts and Evidence	PL-2300 (3 Cr.)		
PL-2991 (2 Cr.)	Paralegal Capstone	PL-2990 (1 Cr.)		
PNUR-1322 (3 Cr.)	Nursing Management of Adults I	PNUR-1321 (7 Cr.)		
POL-2030 (3 Cr.)	Comparative Politics	POL-1030 (3 Cr.)		
POL-2070 (3 Cr.)	International Relations	POL-1070 (3 Cr.)		
POL-2100 (3 Cr.)	Constitutional Law	POL-1100 (3 Cr.)		
PST-1311 (3 Cr.)	Deciduous Woody Landscape Plants	PST-1310 (3 Cr.)		
PST-1321 (3 Cr.)	Evergreens, Groundcovers, & Herbaceous Landscape Plants	PST-1320 (3 Cr.)		
PST-1351 (3 Cr.)	Plant Production	PST-1350 (2 Cr.)		
PST-1411 (2 Cr.)	Equipment Operation & Safety	PST-1410 (3 Cr.)		
PST-1431 (2 Cr.)	Graphics for Landscape Design	PST-1430 (3 Cr.)		
PST-1441 (3 Cr.)	Intro to Landscape Design	PST-1440 (3 Cr.)		
PST-1500 (3 Cr.) & PST-2200 (3 Cr.)	Basic Landscape Contracting & Advanced Landscape Contracting	PST-2350 (3 Cr.)		
PTAT-1311 (2 Cr.) & HTEC-1000 (1 Cr.)	Fundamentals of Physical Therapy & Introduction to Patient Care	PTAT-1310 (3 Cr.)		
PTAT-1401 (2 Cr.)	Clinical Pathophysiology	PTAT-1400 (3 Cr.)		
PTAT-1411 (3 Cr.)	Physical Therapy Procedures	PTAT-1410 (5 Cr.)		
PTAT-2301 (4 Cr.)	Long-Term Physical Therapy Rehabilitation Procedures	PTAT-2300 (3 Cr.) & PTAT-2320 (3 Cr.)		
PTAT-2341 (2 Cr.)	Psychosocial Issues in Physical Therapy	PTAT-2340 (1 Cr.)		
PTAT-2840 (2 Cr.) & PTAT-2850 (2 Cr.)	Clinical Practicum I & Clinical Practicum II	PTAT-2950 (3 Cr.)		
RADT-1351 (3 Cr.)	Image Acquisition and Evaluation	RADT-1350 (3 Cr.)		
RADT-1911 (7 Cr.)	Clinical Radiography I	RADT-1910 (7 Cr.)		
RADT-2361 (2 Cr.)	Interventional Radiography and Pharmacology	RADT-2360 (2 Cr.)		
RADT-2401 (2 Cr.)	Imaging Systems	RADT-2400 (3 Cr.)		
RADT-2911 (7 Cr.)	Clinical Radiography II	RADT-2910 (7 Cr.)		
RADT-2921 (5 Cr.)	Clinical Radiography III	RADT-2920 (5 Cr.)		
RAT-1311 (3 Cr.)	Studio Operations	RAT-1310 (4 Cr.)		
RAT-1511 (2 Cr.)	Recording Lab I	RAT-1510 (3 Cr.)		
RAT-2311 (2 Cr.)	Recording Lab II	RAT-2310 (3 Cr.)		

Appendix VI: Equivalent Courses

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
RAT-2341 (2 Cr.)	Location Recording	RAT-2340 (3 Cr.)		
RESP-1421 (2 Cr.) & RESP-142L (1 Cr.)	Intermediate Polysomnography I & Intermediate Polysomnography I Lab	RESP-1420 (3 Cr.)		
RESP-2341 (1 Cr.)	Patient Management Problems	RESP-2340 (2 Cr.)		
RESP-2940 (1 Cr.)	Respiratory Field Experience I	RESP-2910 (3 Cr.)		
RESP-2950 (2 Cr.)	Respiratory Field Experience II	RESP-2920 (5 Cr.)		
RESP-2960 (2 Cr.)	Respiratory Field Experience III	RESP-2930 (5 Cr.)		
SOC-2020 (3 Cr.)	Sociology of the Family	SOC-1210 (3 Cr.)		
SOC-2051 (3 Cr.)	Introduction to Social Welfare	SOC-2050 (3 Cr.)		
SPAN-1011 (4 Cr.)	Beginning Spanish Language and Cultures I	SPAN-1010 (4 Cr.)		
SPAN-1021 (4 Cr.)	Beginning Spanish Language and Cultures II	SPAN-1020 (4 Cr.)		
SPAN-2411 (3 Cr.)	Spanish Conversation and Composition	SPAN-2410 (3 Cr.)		
SPCH-2020 (3 Cr.)	Interviewing	SPCH-2030 (3 Cr.)		
SURT-1700 (4 Cr.)	Sterile Processing Technology I	MA-1700 (4 Cr.)		
SURT-1710 (4 Cr.)	Sterile Processing Technology II	MA-1710 (4 Cr.)		
SURT-1861 (2 Cr.)	Clinical Experience: Sterile Processing	SURT-1860 (2 Cr.)	MA-1860 (2 Cr.)	
SURT-1911 (3 Cr.)	Clinical Experience I	SURT-1910 (4 Cr.)		
SURT-1921 (3 Cr.)	Clinical Experience II	SURT-1920 (4 Cr.)		
SURT-2851 (3 Cr.)	Clinical Experience III	SURT-2850 (3 Cr.)		
SURT-2862 (4 Cr.)	Clinical Experience IV	SURT-2861 (4 Cr.)		
THEA-2210 (3 Cr.)	History of Theatre and Drama I	THEA-1210 (3 Cr.)		
THEA-2220 (3 Cr.)	History of Theatre and Drama II	THEA-1220 (3 Cr.)		
VC&D-1000 (3 Cr.)	Visual Communication Foundation	CART-1050 (2 Cr.)	VC&D-1100 (2 Cr.)	VC&D-1110 (2 Cr.)
VC&D-1015 (3 Cr.)	Digital Studio Basics	CART-1020 (1 Cr.)	GCMT-1020 (1 Cr.)	VC&D-1010 (1 Cr.) or VCDP-1060 (2 Cr.)
VC&D-1200 (3 Cr.)	Typography & Layout	CART-1300 (2 Cr.)		
VC&D-1061 (3 Cr.)	History and Trends in Visual Communication and Design	CART-1060 (3 Cr.)	VC&D-1060 (3 Cr.)	
VC&D-1430 (3 Cr.)	2D Design	CART-1310 (1 Cr.) & CART-131L (1 Cr.) & CART-1600 (1 Cr.) & CART-160L (1 Cr.)	VC&D-1300 (1 Cr.) & VC&D-130L (1 Cr.) & VC&D-1400 (1 Cr.) & VC&D-140L (1 Cr.)	VCDP-1360 (2 Cr.)

Appendix VI: Equivalent Courses

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
VC&D-2301 (3 Cr.)	Graphic Design and Illustration	CART-2310 (2 Cr.)	VC&D-2300 (2 Cr.)	
VC&D-2401 (3 Cr.)	Designing for Production	CART-2320 (2 Cr.)	VC&D-2400 (2 Cr.)	
VC&D-2530 (3 Cr.)	Professional Practices in VC&D	GCMT-2530 (3 Cr.)		
VC&D-2541 (3 Cr.)	Individual Projects	GCMT-2540 (2 Cr.)	VC&D-2540 (2 Cr.)	
VC&D-2600 (2 Cr.)	Graphic Production	CART-2330 (2 Cr.)		
VC&D-2701 (3 Cr.)	Media Design	CART-2450 (2 Cr.)	VC&D-2700 (2 Cr.)	
VC&D-2991 (3 Cr.)	Portfolio Preparation	CART-2700 (2 Cr.)	GCMT-2510 (2 Cr.)	VC&D-2990 (2 Cr.)
VCAD-2520 (3 Cr.)	Creative Advertising Campaign	CART-2500 (2 Cr.)		
VCAD-2621 (3 Cr.)	Advertising Studio I	VCAD-2620 (2 Cr.)		
VCAD-2721 (3 Cr.)	Advertising Studio II	VCAD-2720 (2 Cr.)		
VCGD-1500 (3 Cr.)	Advertising and Design	CART-1500 (2 Cr.)	VC&D-1500 (3 Cr.)	
VCGD-2131 (3 Cr.)	Magazine Design	CART-2430 (2 Cr.)	VCGD-2130 (2 Cr.)	
VCGD-2231 (3 Cr.)	Publication Design	CART-2420 (2 Cr.)	VCGD-2230 (2 Cr.) & VC&D-2200 (2 Cr.)	
VCGD-2331 (3 Cr.)	Brand Identity Design	CART-2410 (2 Cr.)	VCGD-2330 (2 Cr.)	
VCGD-2431 (3 Cr.)	Package Design	CART-2440 (2 Cr.)	VCGD-2430 (2 Cr.)	
VCIL-1141 (3 Cr.)	Rendering Techniques	CART-1340 (2 Cr.)	VCIL-1140 (2 Cr.)	
VCIL-2641 (3 Cr.)	Illustration Studio I	VCIL-2640 (2 Cr.)		
VCIL-2741 (3 Cr.)	Illustration Studio II	VCIL-2740 (2 Cr.)		
VCIM-1570 (3 Cr.)	Web Publishing I: HTML	GCMT-2471 (3 Cr.)	GCMT-2470 (3 Cr.)	
VCIM-1770 (3 Cr.)	Web Publishing II: Site Theory and Construction	VCIM-1670 (2 Cr.)		
VCIM-2071 (3 Cr.)	Service Learning Web and Interactive Media Studio	VCIM-2070 (3 Cr.)	GCMT-2480 (3 Cr.)	
VCIM-2270 (3 Cr.)	Animation for Web and Media	GCMT-2490 (3 Cr.)		
VCIM-2290 (3 Cr.)	Web Publishing IV: Data Driven Sites	VCIM-2070 (3 Cr.)	GCMT-2480 (3 Cr.)	
VCIM-2371 (3 Cr.)	Interactive Media I	GCMT-2711 (3 Cr.)	VCIM-2370 (3 Cr.)	
VCIM-2470 (2 Cr.)	Virtual Reality Imaging	GCMT-1610 (2 Cr.)		
VCIM-2571 (3 Cr.)	Interactive Media Studio	VCIM-2570 (3 Cr.)		
VCIM-2401 (3 Cr.)	Game Design IV: Game Publishing	VCIM-2400 (3 Cr.)		
VCPH-1050 (3 Cr.)	Black and White Photography	GCMT-1500 (3 Cr.)		

Appendix VI: Equivalent Courses

CURRENT COURSE		DELETED COURSES THAT ARE EQUIVALENT FOR GRADE REPEAT		
VCPH-1150 (3 Cr.)	History of Photography	GCMT-1540 (3 Cr.)		
VCPH-1261 (3 Cr.)	Photography I	VCPH-1260 (3 Cr.)		
VCPH-1450 (3 Cr.)	Digital Imaging I	GCMT-1600 (3 Cr.)		
VCPH-2050 (3 Cr.)	Commercial Studio Techniques I	GCMT-2500 (3 Cr.)		
VCPH-2260 (3 Cr.)	Photography II	VCPH-1350 (3 Cr.)	VCPH-2000 (3 Cr.)	GCMT-1520 (3 Cr.)
VCPH-2450 (3 Cr.)	Digital Imaging II	GCMT-2600 (3 Cr.)		
VCPH-2541 (3 Cr.)	Individual Projects - Photography	VCPH-2540 (2 Cr.)		
VCPH-2550 (3 Cr.)	Commercial Studio Techniques II	GCMT-2560 (3 Cr.)		
VCPH-2660 (3 Cr.)	Photography III	VCPH-2350 (3 Cr.) & VCPH-2650 (3 Cr.)		
VCPH-2760 (3 Cr.)	Editorial Photography	VCPH-2150 (3 Cr.)		
VT-1100 (1 Cr.) & VT-1200 (1 Cr.)	Veterinary Medical Terminology & Veterinary Law and Ethics	VT-1300 (2 Cr.)		
VT-1451 (2 Cr.)	Veterinary Diagnostic Imaging	VT-1450 (2 Cr.)		

CROSS-LISTED COURSES

Cross-listed courses are identical courses offered in two or more subject areas. They may differ in subject area code and course number. Credit may be earned once for cross-listed courses. If a course is cross-listed with another course that fills a general education or program requirement, either course meets the requirement.

<u>CROSS-LISTED COURSE</u>		<u>CR.</u>	<u>EQUIVALENT COURSE</u>		<u>CR.</u>
ACCT-2990	Business Strategies	3	BADM-2501	Business Strategies	3
ART-2151	Animation for Web and Media	3	VCIM-2270	Animation for Web and Media	3
BADM-1490	Worker's Compensation Law	3	PL-1490	Worker's Compensation Law	3
BIO-1300	Horticultural Botany	3	PST-1300	Horticultural Botany	3
ENG-2050	Introduction to Personal and Reflective Writing	3	WST-2050	Introduction to Personal and Reflective Writing	3
HLTH-1310	Cardiopulmonary Resuscitation	1	EMT-1310	Cardiopulmonary Resuscitation	1
PSCI-1010	Astronomy	3	PHYS-1010	Astronomy	3
PSCI-101L	Astronomy Laboratory	1	PHYS-101L	Astronomy Laboratory	1
PSCI-1020	Chemistry	3	CHEM-1000	Everyday Chemistry	3
PSCI-102L	Chemistry laboratory	1	CHEM-100L	Everyday Chemistry Laboratory	1
PSCI-1030	Earth	3	ESCI-1030	Earth	3
PSCI-103L	Earth Laboratory	1	ESCI-103L	Earth Laboratory	1
POL-2120	Women and Politics	3	WST-2120	Women and Politics	3
WST-2020	Women, Science and Technology	3	HIST-2020	Women, Science and Technology	3

STANDARD AND HONORS COURSES

STANDARD COURSE		CR.	EQUIVALENT HONORS COURSE		CR.
BADM-2010	Business Communications	3	BADM-201H	Honors Business Communications	3
BIO-1500	Principles of Biology I	4	BIO-150H	Honors Principles of Biology I	4
BIO-1510	Principles of Biology II	4	BIO-151H	Honors Principles of Biology II	4
CHEM-1010	Introduction to Inorganic Chemistry	4	CHEM-101H	Honors Introduction to Inorganic Chemistry	4
CHEM-1020	Introduction to Organic and Biochemistry	4	CHEM-102H	Honors Introduction to Organic and Biochemistry	4
CHEM-1300 & CHEM-130L	General Chemistry I & General Chemistry Laboratory I	4 & 1	CHEM-130H	Honors General Chemistry I	5
CHEM-1310 & CHEM-131L	General Chemistry II & General Chemistry II Laboratory	4 & 1	CHEM-131H	Honors General Chemistry II	5
ENG-1010	College Composition I	3	ENG-101H	Honors College Composition I	3
ENG-1020	College Composition II	3	ENG-102H	Honors College Composition II	3
ESCI-1410	Physical Geology	3	ESCI-141H	Honors Physical Geology	3
HIST-1010	History of Civilization I	3	HIST-101H	Honors History of Civilization I	3
HIST-1020	History of Civilization II	3	HIST-102H	Honors History of Civilization II	
HIST-1510	United States History to 1877	3	HIST-151H	Honors United States History to 1877	3
HIST-1520	United States History Since 1877	3	HIST-152H	Honors United States History Since 1877	3
	None		HUM-175H	Honors Forum: Critical Issues	3
IT-1010	Introduction to Microcomputer Applications	3	IT-101H	Honors Introduction to Microcomputer Applications	3
MATH-1540	Trigonometry	4	MATH-154H	Honors Trigonometry	4
MATH-1530	College Algebra	4	MATH-153H	Honors College Algebra	4
MATH-1610	Calculus I	5	MATH-161H	Honors Calculus I	5
MATH-1620	Calculus II	5	MATH-162H	Honors Calculus II	5
MATH-2310	Calculus III	4	MATH-231H	Honors Calculus III	4
PHIL-1010	Introduction to Philosophy	3	PHIL-101H	Honors Introduction to Philosophy	3
PHIL-2020	Ethics	3	PHIL-202H	Honors Ethics	3
PHIL-2050	Bioethics	3	PHIL-205H	Honors Bioethics	3
POL-1010	American National Government	3	POL-101H	Honors American National Government	3
PSY-1010	General Psychology	3	PSY-101H	Honors General Psychology	3
PSY-2010	Child Growth and Development	3	PSY-201H	Honors Child Growth and Development	3
PSY-2020	Life Span Development	4	PSY-202H	Honors Life Span Development	4
SPCH-1010	Fundamentals of Speech Communication	3	SPCH-101H	Fundamentals of Speech Communication	3
SOC-1010	Introductory Sociology	3	SOC-101H	Honors Introductory Sociology	3
SOC-2010	Social Problems	3	SOC-201H	Honors Social Problems	3
	None		WST-200H	Honors Women and Reform	3

Appendix VI: Equivalent Courses

DELETED COURSES WITH NO EQUIVALENCY

The following courses have been deleted from the College course inventory and no replacements have been indicated. If you are required to take one of these courses to meet your degree requirements, please see the faculty coordinator or program manager in that department to discuss your options.

DELETED COURSE WITH NO EQUIVALENCY		CR.
ANTH-1020	Physical Anthropology	3
AUTO-1010	Shop Safety and Lab Procedures	1
AUTO-1200	Introduction to Automotive Service Manuals and Information Systems	1
AUTO-130A	Automotive Engines Principles	1
AUTO-130B	Automotive Engines: Laboratory Competencies	1
AUTO-130C	Automotive Engines: Advanced Laboratory Competencies	1
AUTO-135A	Manual Transmission and Drivetrain: Principles	1
AUTO-135B	Manual Transmission and Drivetrain: Laboratory Competencies	1
AUTO-140A	Automotive Alignment, Steering, and Suspension: Principles	1
AUTO-140B	Automotive Alignment, Steering, and Suspension: Laboratory Competencies	1
AUTO-145A	Automotive Braking Systems: Principles	1
AUTO-145B	Automotive Braking Systems: Advanced Principles	1
AUTO-145C	Automotive Braking Systems: Laboratory Competencies	1
AUTO-150A	Automotive Electrical Fundamentals: Principles	1
AUTO-150B	Automotive Electrical Fundamentals: Laboratory Competencies	1
AUTO-230A	Automatic Transmissions: Principles	1
AUTO-230B	Automatic Transmissions: Laboratory Competencies	1
AUTO-235A	Automotive HVAC: Principles	1
AUTO-235B	Automotive HVAC: Laboratory Competencies	1
AUTO-240A	Engine Performance: Principles	1
AUTO-240B	Engine Performance: Laboratory Competencies	1
AUTO-240C	Engine Performance: Advanced Laboratory Competencies	1
AUTO-245A	Automotive Electronic Engine Controls	1
AUTO-245B	Automotive Electronic Engine Controls: Laboratory Competencies	1
AUTO-245C	Automotive Electronic Engine Controls: Advanced Laboratory Competencies	1
AUTO-247A	Automotive Electrical Systems: Principles	1
AUTO-247B	Automotive Electrical Systems: Laboratory Competencies	1
AUTO-250A	Automotive Electrical Diagnosis: Principles	1
AUTO-250B	Automotive Electrical Diagnosis: Laboratory Competencies	1
AUTO-2600	Hybrids and Alternative Fuel Systems	3
BADM-1060	Leadership Seminar	1
BADM-2020	Leadership Theory	3
BADM-2030	Management Development	3
BADM-2040	Strategic Leadership	3
BADM-2230	Value Analysis	3
BADM-2290	Urban Agribusiness Management	3
BADM-2420	CPS Review: Management, Finance and Business Law	3

DELETED COURSE WITH NO EQUIVALENCY		CR.
C&CR-1610	Speed Development I	1
C&CR-1620	Speed Development II	1
C&CR-1630	Speed Development III	1
C&CR-2651	Technical Terminology II	3
CNST-1420	Architectural CAD II	3
CNST-2360	Energy Auditing & Weatherization	3
CNST-2420	Sustainable Design & Supervision	3
DAST-1200	Oral Structures	3
DAST-1300	Dental Assisting Methods	3
DAST-1310	Dental Assisting Radiology	3
DAST-1320	Dental Office Management	3
DAST-1330	Reimbursement for Dental Services	3
DAST-1400	Dental Assisting Methods II	3
DAST-1410	Dental Assisting Radiography II	2
DAST-1420	Current Concepts for the Dental Assistant	1
DAST-1850	Practicum	2
DIET-1150	Nutrition for Children and Families	2
DIET-1340	Health Food Exploration	2
DMS-1260	Pediatric Cardiovascular Anatomy, Physiology, and Assessment	2
DMS-2000	Sonographic Case Studies	1
DMS-2370	Advanced Sonographic Physical Principles and Flows	3
DMS-2921	Directed Practice III	3
ECED-101A	Children's Development and Types of Programs in Early Childhood	1
ECED-101B	Theoretical Foundations of Early Childhood	1
ECED-101C	Curriculum and Inclusion in Early Childhood	1
ECED-101D	Early Childhood Curriculum in the Classroom	1
ECED-1600	Beginning Writing and Reading	3
ECED-2610	Language, Literacy and Print-Sound Code	3
ECED-2620	Assessment in Early Literacy	3
ECED-2630	Mentoring in Early Literacy	3
EET-1060	PC Networking	2
EET-2250	Industrial Electronics II	3
EET-2130	Telecommunications II	3
EET-2140	Digital Circuits/Microprocessors II	3
EET-2230	Telecommunications III	3
EET-2590	Telecommunications Design Project	2
EHST-2310	CERCLA Superfund Sites	2
FIN-1110	Principles of Finance	2
GCMT-1001	Orientation to Publishing Industries	2
GCMT-1010	Orientation to Publishing Laboratory	1
GCMT-1220	Digital Output Systems I	2
GCMT-1230	Digital Output Systems II	2
GCMT-1250	Variable Data Document Creation and Printing	2

Appendix VI: Equivalent Courses

DELETED COURSE WITH NO EQUIVALENCY		CR.
GCMT-1340	Imaging Science	2
GCMT-1350	Image Reproduction and Film Assembly	2
GCMT-1410	Integrating Production and Design for Graphic Products	3
GCMT-2300	Print Production Materials	2
GCMT-2311	Substrate Imaging and Finishing	4
GCMT-2320	Offset Printing	2
GCMT-2340	Imposition, Layout, Bindery and Finishing	3
GCMT-2350	Printing Production and Operations Management	2
GCMT-2360	Customer Service and Sales Support	2
GCMT-2370	Printing Estimating	2
GCMT-2840	Internship	1-3
GEN-1050	Organizing Your Employment Campaign	2
HIM-2420	Trends in Health Information Management	2
HS-1010	Community Care Coordinator I	2
HS-1020	Community Care Coordinator II	2
HS-1030	Community Care Coordinator III	2
HS-1230	Chemical Dependency Diagnosis	3
INTD-2350	Textiles	3
ITMF-1310	Internal Computer Functions	2
ITMF-1500	Application Program Development I: COBOL	5
ITMF-2530	Application Program Development II: COBOL	5
ITMF-2550	Application Program Development III: COBOL, CICS, SQL	5
ITMF-2610	Assembly Language Programming	4
ITMP-1060	Introduction to Programming Concepts	3
IITMP-2630	Advanced Visual Basic Programming	4
ITNT-2340	Netware Administration I	3
ITNT-2440	Netware Administration II	3
ITWM-2990	E-Commerce Technologies	3
JMC-1020	Introduction to Mass Communications II	3
LAW-2430	Contemporary Security Problems	3
LAW-2520	Criminology	3
MARK-2990	Marketing Case Analysis	1
MATH-1050	Mathematics for Technology	3
MATH-1180	Intermediate Algebra for Technologies	4
MET-2020	Geometric Dimensioning and Tolerancing	2
MIT-2030	Industrial Drawing Essentials	3
MIT-2150	Motion and Time Study	3
MIT-2120	Facilities Design and Material Handling	3
MIT-2220	Advanced AutoCAD	3
MLT-1350	Problem Solving Techniques for the Medical Laboratory	1
MLT-1460	Hematology I	3
MLT-1470	Blood Bank and Serology I	3
MLT-1480	Clinical Microbiology I	3

DELETED COURSE WITH NO EQUIVALENCY		CR.
MLT-1500	Clinical Chemistry I	3
MLT-2460	Hematology II	2
MLT-2470	Blood Bank and Serology Ii	2
MLT-2481	Clinical Microbiology II	2
MLT-2500	Clinical Chemistry II	3
MLT-2850	Medical Laboratory Practicum II	2
NMED-1600	Radiopharmacy and Chemistry for Nuclear Medicine	4
NMED-1700	Nuclear Medicine Instrumentation	4
NURS-2400	Health Management	1
PNUR-1310	Fundamentals of Nursing	4
PNUR-1320	Nursing Management of Adults I	4
PNUR-1340	Nursing Care of Families	4
PST-1500	Basic Landscape Contracting	3
PST-2200	Advanced Landscape Contracting	3
PST-2330	Entomology	3
PST-2340	Plant Pathology	3
PST-2360	Plant Pathology	3
PST-2440	Design IV – Advanced Landscape Design	3
REAL-1301	Principles and Practices of Real Estate	3
REAL-1321	Diversity Awareness and Fair Lending	3
REAL-1331	Loan Origination	3
REAL-1401	Real Estate Law	3
REAL-1501	Valuation of Residential Properties	1
REAL-1601	Real Estate Finance	1
REAL-2300	Real Estate Brokerage	2
REAL-2310	Loan Processing	2
REAL-2330	Loan Underwriting	2
REAL-2340	Mortgage Loan Servicing	2
REAL-2360	Community Development in Mortgage Lending	3
REAL-2400	Real Estate Sales	2
REAL-2500	Commercial and Industrial Real Estate	2
REAL-2600	Real Estate Management	2
REAL-2700	Valuation of Income Properties	2
REAL-2940	Mortgage Finance Field Experience	1-2
RESP-1410	Beginning Polysomnography	2
RESP-1421	Intermediate Polysomnography I	2
RESP-142L	Intermediate Polysomnography I-Lab	1
RESP-1430	Intermediate Polysomnography II	3
RESP-1440	Neurophysiology of Sleep	3
RESP-1934	Directed Practice I	3
RESP-2934	Directed Practice II	3
SSCI-1030	Introduction to Social Science	3
SSCI-1040	Introduction to Social Science II	3

Appendix VI: Equivalent Courses

DELETED COURSE WITH NO EQUIVALENCY		CR.
VCDP-1160	Troubleshooting Computer Publishing Systems	2
VCDP-1260	Digital Page Layout	2
VCDP-2260	Color Scanning and Reproduction	2
VCDP-2360	Digital Production and Layout	3
VCDP-2760	Estimating and Production Management	3
VCDV-2580	Digital Versatile Disk (DVD) Authoring and Design	3
VCIL-1440	Surface Design	2
VCIL-2140	Illustration with Prismacolor	2
VCIL-2240	Illustration in Pen and Ink	2
VCIL-2340	Illustration with Watercolor	2
VCPH-1050	Black and White Photography I	3
VCSI-1020	Practices and Procedures in Scientific Imaging	3
VCSI-1350	Basic Photography for Scientific Imaging	3
VCSI-1450	Scientific Imaging I	3
VCSI-2020	Scientific Imaging II	3
VCSI-2450	Image Analysis	3
VCSI-2530	Professional Ethics and Scientific Imaging Practice	3
VCSI-2990	Scientific Imaging III	3

APPENDIX VII

Employees**EXECUTIVE OFFICERS****College President & Executive Vice Presidents**

JOHNSON, ALEX
President

B.A., Winston-Salem State University
M.A., Lehman College
Ph.D., Pennsylvania State University

KUNTZ, DAVID
*Executive Vice President/Treasurer
Administration & Finance*
A.A.B., Cuyahoga Community College
B.B.A., Baldwin-Wallace College

VACANT
*Executive Vice President & Provost, Access,
Learning & Success*

GARY, SR., WILLIAM
*Executive Vice President,
Workforce, Community, & Economic
Development*
B.A., Morehouse College
M.A., Rutgers University

PETERSON, ROBERT
*President & Chief Executive Officer
Corporate College*
B.S., John Carroll University
J.D., Cleveland Marshall College of Law

McNAIR, RONNA
*Chief of Staff, Executive Assistant to the
President*
B.S., University of Akron
M.B.A., Wayne State University

Campus Presidents

POPE, TERRI
*Campus President
Vice President, Westshore Campus*
A.A.S., Cuyahoga Community College
B.S., Case Western Reserve University
Ph.D., The Ohio State University

SCHOOP, MICHAEL
*Campus President
Vice President, Metropolitan Campus*
B.A., University of Chicago
M.A., University of Maryland, College
Park
Ph.D., University of Maryland, College
Park

IMHOFF, DONNA
*Campus President,
Vice President, Western Campus*
B.S., Penn State University
M.S. Ed., Duquesne University
Ph.D., University of Pittsburgh

THOMSON, J. MICHAEL
*Campus President
Vice President, Eastern Campus*
B.A., Pennsylvania State University
M.A., University of Kentucky
Ph.D., University of Kentucky

Vice Presidents

ABOUSERHAL, MIKE
*Vice President, Finance & Business
Services*
B.B.A., Cleveland State University

BOOKER, ALICIA
*Vice President, Operations &
Manufacturing*
B.A., DePaul University
M.S., Central Michigan University

HARRIS, CLAYTON
*Vice President & Dean, Public Safety &
Security*
B.A., Ohio University

HOOVLER, DAVID
Vice President, Integrated Communications
B.A., Asbury University
M.A., Wheaton College

HOIRIGAN, GERARD
*Vice President, CIO Information
Technology Services*
B.A., Madonna University
M.S., Central Michigan University

LEITSON, CYNTHIA
*Vice President, Facilities Development &
Operations*
B.A., Michigan State University

McMULLEN, JUDITH
*Vice President, Chief Human Resources
Officer*
B.A., Baldwin Wallace College
M.B.A., Ashland University

MILLER, KAREN
*Vice President, Institutional Research &
Enrollment Management*
B.S., University of Akron
M.S., University of Akron
Ph.D., University of Toledo

O'BRYAN, MEGAN
*Vice President, Development Office &
Tri-C Foundation*
B.A., The Catholic University of
America
M.B.A., Case Western Reserve
University

RICHARD, RENEE
*Vice President, General Counsel & Legal
Services*
B.A., Kent State University
M.B.A., Cleveland State University
J.D., Cleveland-Marshall College of
Law

ROSACCO, CLAIRE
*Vice President, Government Affairs &
Community Outreach*
B.A., The Ohio State University

WILLIAMS, LISA
Vice President, Learning & Engagement
B.S., University of Akron
M.S., University of Akron

Associate Vice Presidents

ENGLISH, LINDSAY
*Assoc. Vice President, Academic
Professional Development & Assessment*
B.S., The Ohio State University
M.B.A., Kent State University
Ph.D., University of Toledo

MARSHALL, JANICE
*Assoc. Vice President, Access &
Community Engagement*
B.S., Michigan State University
M.S., Michigan State University
Ph.D., University of Texas at Austin

EXECUTIVE DIRECTORS

ABDOLLAHIAN, HAMID
Executive Director, CISCO
M.S.A., Roosevelt University
M.B.A., Roosevelt University

BILOKONSKY, GEORGE
Executive Director, Technology Academies
B.A., The Ohio State University
B.S., The Ohio State University
M.A., Cleveland State University

BOSWORTH, BLAIR
Executive Director, Plant Operations
B.S.M.E., Cleveland State University
M.B.A., Lake Erie College

BRYAN, ROBERT W.
Executive Director, Media Engineering
A.A.S., Cuyahoga Community College
B.S., Bellevue University

COON, SHARON
Executive Director, Development
B.A, Hiram College
M.B.A., Lake Erie College

DeCHANT, RICHARD
Executive Director, Veteran Services & Programs
B.A., John Carroll University

DOLINAR, JOHN
Executive Director, Enterprise Infrastructure Services
B.S., Western Governors University
M.S., Western Governors University

GERMAN, ERIC
Executive Director, Sales & Business Development
B.S., University of Baltimore

GROSS, JOSEPH
Executive Director, Workforce and Economic Development Division
B.B.A., Kent State University
M.B.A., Baldwin-Wallace College

GROVER, NOREEN
Executive Director, Development Office
B.A., Marquette University

JACKSON, ANTHONY
Executive Director, Emergency Fire and Safety Systems
A.A., Cuyahoga Community College
B.A., Myers University

JOHNSON, ANGELA
Executive Director, Enrollment Operations
B.A., The Ohio State University
M.A., American University

JOHNSON, MICHAEL
Executive Director, Accounting
A.S., Jamestown Community College
B.S., University of Pittsburgh
M.B.A., Otterbein College

LANDINI, MICHAEL
Executive Director, Development
B.A., George Washington University

HILBERT, STEPHEN
Executive Director, Supplier Managed Services
B.S., John Carroll University
M.B.A., Baldwin-Wallace College

KEMP, THOMAS
Executive Director, Online Learning & Academic Technology
B.A., University of Akron
M.A., University of Akron

McDADE, KATE
Executive Director, Development Office
B.S., Miami University

McKNIGHT, SANDRA
Executive Director, Access, Learning & Success
B.S.B.A., Bowling Green State University
M.B.A., Cleveland State University

MOIR, CHRIS ALAN
Executive Director, College Hospitality Services & Retail Operations
B.A., Kent State University

PINNEY, AMANDA
Executive Director, Development & Engagement
B.A., Mount Union College
J.D., Case Western Reserve University

RICHARDS, MARVIN
Executive Director, Business Continuity
B.S.B.A., University of Illinois
M.A., Governors State University
J.D., University of Illinois College of Law

ROYKO, BARRY
Executive Director, Organizational Development
A.A., Lakeland Community College
B.A., Cleveland State University
M.A., Gonzaga University

STECKY, THOMAS
Executive Director, Facilities Development & Operations
B.A., Case Western Reserve University

STEWART, STANDISH
Executive Director, Enterprise Application Services
B.S., Case Western Reserve University
M.S., University of Michigan
M.B.A., Cleveland State University

STINEMAN, SHIRLEY
Executive Director, Workforce Communication & Community Outreach
B.A., Baldwin Wallace University
M.A., Cleveland State University

STUART, GLEN
Executive Director, Evidence & Inquiry
B.A., Case Western Reserve University
M.P.A., The Ohio State University

WELCH, LILLIAN
Executive Director, Total Rewards
B.A., University of Akron

WHEATON, JODY
Executive Director, Client Solutions & Program Management
B.S., Bowling Green State University
M.S., Radford University

DEANS/ASSOCIATE DEANS

COLLEGE-WIDE.....

COX, G. PAUL
Dean, Creative Arts
B.Mus., Oberlin Conservatory of Music
M.M., Case Western Reserve University
Ph.D., Case Western Reserve University

DULL, CHARLES
Assoc. Dean, Information Technology
A.A., Kent State University
B.A., Youngstown State University
M.B.A., Youngstown State University
Ph.D., Capella University

VACANT
Assoc. Dean, Nursing

MIKUSZEWSKI, BARBARA
Assoc. Dean, Health Careers & Sciences
 B.S., Plattsburg State University of N.Y.
 M.S., University of Massachusetts

WILSON, MONIQUE
*Dean & Executive Director, Information
 Technology Training*
 B.B.A., Middle Tennessee State
 University
 M.S., Middle Tennessee State University
 Ph.D., University of Maryland

WONG, LAM
Dean, Manufacturing & Engineering
 A.A., New York City Community
 College
 B.S., Columbia University
 M.S., National Technological University
 M.S., University of Rochester

YATES, VIVIAN
Dean, Nursing
 A.S., Lorain Community College
 B.S.N., University of Akron
 M.S.N., Kent State University
 Ph.D., University of Akron

EASTERN CAMPUS.....

CUNION, WILLIAM
Assoc. Dean, Liberal Arts
 B.A., Xavier University
 M.A., Ohio University
 Ph.D., University of Illinois

VACANT
Assoc. Dean, Health Careers & Sciences

HARTLEY, LORRAINE
Assoc. Dean, Business, Math & Technology
 B.A., California University of
 Pennsylvania
 M.S., California University of
 Pennsylvania
 D.B.A., Nova Southeastern University

HUFF, MICHAEL
*Dean/General Manager, Hospitality
 Management*
 B.S., Arizona State University
 M.B.A., Arizona State University

MARR JR., JOHN
*Dean, Learning & Engagement, Hospitality
 Management*
 B.A., Wittenberg University
 M.S., Wright State University
 Ph.D., The Ohio State University

CRAIDER, HOLLY
Dean, Access & Completion
 B.A., John Carroll University
 M.A., John Carroll University
 Ph.D., Kent State University

MONATH, KAREN
Assoc. Dean, Hospitality Management
 A.C.A., Culinary Institute of America
 B.H.M., Florida International University
 M.H.M., Florida International
 University

ONKEY, LAUREN
*Jack, Joseph and Morton Mandel Dean for
 Humanities*
 B.A., College of William and Mary
 M.A. University of Illinois, Urbana-
 Champaign
 Ph.D. University of Illinois, Urbana-
 Champaign

METROPOLITAN CAMPUS.....

ELLISON, PAMELA
Assoc. Dean, Business, Math & Technology
 B.S., Dyke College
 M. Ed., Kent State University
 Ph.D., Kent State University

VACANT
Dean, Learning & Engagement

LADNER-MATHIS, JOCELYN
Assoc. Dean, Liberal Arts
 B.A., Mundelein College
 M.S., Western Illinois University
 Ph.D., Illinois State University

McCORY, DENISE
Dean, Access & Completion
 B.A., Ohio University
 M.A., Cleveland State University

PARKS, AMY
Assoc. Dean, Creative Arts
 B.M., University of Delaware
 M.M., Peabody Conservatory John
 Hopkins University

WESTERN CAMPUS.....

BOBER, DELIA
Assoc. Dean, Liberal Arts
 B.A., Ohio University
 M.A., Ohio University

BRAITHWAITE, ORMOND
Assoc. Dean, STEM
 B.S., City University of New York
 M.A., City University of New York
 Ph.D., City University of New York

DEL ROSARIO, DIANA
Dean, Access & Completion
 B.A., University of Puerto Rico
 M.B.A., Baldwin Wallace College

HALM, SCOTT
*Assoc. Dean, Business & Information
 Technology*
 B.A., Wittenberg University
 M.B.A., University of Michigan

MONTGOMERY, RICHARD
Assoc. Dean, Social Sciences
 B.S., Norfolk State University
 M.Ed. Kent State University
 Ph.D., University of Toledo

McDERMOTT, DANIEL
Assoc. Dean, Health Careers & Sciences
 A.A.S., Cuyahoga Community College
 M.S., Arizona School of Health Science

TAYLOR HEARD, JANICE
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 B.A., Kent State University
 M.Ed., Kent State University
 Ph.D., University of Georgia

WESTSHORE CAMPUS.....

PROUDFIT, ANN
Dean, Access & Completion
 B.A., Washington and Jefferson
 College
 M.S., The Ohio State University
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McMAHON, CLAIRE
*Assoc. Dean, Learning Engagement &
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 B.A., Manhattan Collge
 M.F.A., Naropa University
 Ph.D., Kent State University

SEARSON, ROBERT
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M.L.S., Kent State University
- JIMISON, DONNA
Assoc. Professor, Medical Assisting
A.D.N., Gadsden Community College
M.S.N., Case Western Reserve University
- JOHNSON, BRIAN
Asst. Professor, Humanities
B.A., California State University
M.A., California State University
Ph.D., University of Massachusetts
- JOHNSON, CLARENCE
Professor, Mathematics
B.S., Case Western Reserve University
M.S., Cleveland State University
Ph.D., Cleveland State University
- JOHNSON, EMHONTA
Asst. Professor, Biology
B.S., University of Toledo
Ph.D., University of Toledo

Appendix VII: Employees

JOHNSON, ROBERT
Assoc. Professor, Counseling
B.A., Kent State University
M.Ed., Kent State University
Ph.D., Capella University

JONES, DAVID
Asst. Professor, Physical Education
B.Ed., University of Queensland
M.Ed., University of Queensland

JUKIEWICZ, DENISE
Asst. Professor, Nursing
A.S.N., Kent State University
B.S.N., Kent State University
M.S.N., Kent State University

K.

KAMEL, HAIDY
Assoc. Professor, Chemistry
B.A., Suez Canal University
Ph.D., University of Mississippi

KANGAS, SHIRLEY
Professor, Biology
B.S., Kent State University
M.S., John Carroll University

KANIESKI, GEORGE
Asst. Professor, English
B.S., John Carroll University
M.A., John Carroll University

KARAC, MIRA
Asst. Professor, Mathematics
B.S., University of Akron
M.S., University of Akron

KASCHUBE, CURTIS
Asst. Professor, Mathematics
B.A., Cleveland State University
M.A., Kent State University

KASUBOSKI, STEPHANIE
Asst. Professor, English as a Second Language
B.A., University of Delaware
M.A., University of Delaware

KAZMIER, RACHEL
Asst. Professor, English
B.A., California State University of Fullerton
M.A., California State University of Fullerton

KELLEY, COURTNEY
Assoc. Professor, Psychology
B.A., Wittenberg University
M.A., Bowling Green State University
Ph.D., Bowling Green State University

KELLY, ROBIN
Asst. Professor, Marketing/Business Administration
B.A., Bradley University
M.B.A., American Graduate School of International Management
Ph.D. International School of Management (France)

KENNEY, MICHAEL
Asst. Professor, Chemistry
B.S., St. John's University
M.S., The George Washington University
Ph.D., Iowa State University

KEREZY, JOHN
Assoc. Professor, Journalism/Mass. Comm.
B.A., Wabash College
M.A., The Ohio State University

KINSELLA, CHRISTOPHER
Asst. Professor, History
B.A., Saint Xavier University
M.A., DePaul University

KOCH, JOSEPH
Asst. Professor, Biology
B.S., Waynesburg University
M.S., Indiana University of Pennsylvania

KOMARA, LINDA
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A.A.S., Lakeland Community College
B.S., Ursuline College
M.S., Walden University

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Asst. Professor, Philosophy
B.S., Cleveland State University
M.S., Ohio University

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A.B., University of Michigan
M.A., Case Western Reserve University
Ph.D., The Ohio State University

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Assoc. Professor, Captioning and Court Reporting
A.A., Academy of Court Reporting
B.S., Empire State College
M.Ed., Grand Canyon University

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B.A., University of Akron
M.A.Ed., University of Akron

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B.S., Cleveland State University
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M.S., University of Illinois

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M.S., University of Florida
Ph.D., Clemson University

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Ph.D., University of Illinois, Urbana-Champaign

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Ph.D., The Ohio State University

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 B.F.A., Rochester Institute of Technology
 M.F.A., Vermont College

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 B.A., Chernovits State University, USSR
 B.S., Chernovits State University, USSR
 M.A., Chernovits State University, USSR
 M.S., Chernovits State University, USSR
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 D.P.M., Ohio College of Podiatric Medicine

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 Ph.D., Nova Southeastern University

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Appendix VII: Employees

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M.S., Walden University

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M.A., Cleveland State University

MENSAH, ANGELA

Asst. Professor, Speech Communications

A.A., Delta College

B.S., Ferris State University

M.S., Western Michigan University

Ph.D., Bowling Green State University

MEOLA, SUZANNE

Asst. Professor, Visual Communication & Design

B.F.A., University of Akron

MERICSKO, ATHENA

Asst. Professor, English

B.A., Mount Union College

M.A., Cleveland State University

MIKLOWSKI, PAUL

Asst. Professor, Art

B.A., Borromeo College of Ohio

M.A., Cleveland State University

MIKUSZEWSKI ANDREW

Asst. Professor, Hospitality Management

A.A., Culinary Institute of America

B.A., University of Massachusetts

M.A., University of Massachusetts

MILAM, LINDSAY

Asst. Professor, English

B.A., Baldwin-Wallace College

M.A., University of Toledo

MILLER, JUSTIN

Asst. Professor, Philosophy

B.S., Portland State University

M.A., Cleveland State University

MORGENSTEIN, BENJAMIN

Asst. Professor, English

B.A., University of Michigan

M.A., University of Tennessee

MORGENSTEIN, SARAH

Asst. Professor, Visual Communications & Design

A.A.B., Cuyahoga Community College

B.S., Cleveland State University

MOTLEY, DEBRA

Asst. Professor, American Sign Language

B.A., Cleveland State University

M.Ed., Western Maryland College

MUN, SEONG-AE

Assoc. Professor, Art

B.F.A., Ewha Womans University

M.F.A., Rhode Island School of Design

N.

NAGORNEY, SUSAN

Asst. Professor, Mathematics

B.S., Case Western Reserve University

M.A., Cleveland State University

NAGY, MARGUERITE

Asst. Professor, Accounting

B.A., Notre Dame College

B.A., Baldwin-Wallace College

M.A., University of Akron

M.B.A., Baldwin-Wallace College

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Ph.D., Indiana University

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NICKENS, SHAWN

Asst. Professor, Counseling

B.A., College of Wooster

M.S.S.A., Case Western Reserve

University

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B.A., Hiram College

M.A., Ball State University

Ph.D., Cleveland State University

NYE, SHAD

Asst. Professor, Physical Education

B.A., Baldwin-Wallace College

M.Ed., Cleveland State University

O.

OCHEI, CHRISTIAN

Asst. Professor, Manufacturing

Adv. Dipl. Tech. Institute, Germany

B.S., Norfolk State University

M.S., Central Missouri State University

OCHS, KIMBERLY

Asst. Professor, Biology

B.S., Clarion University

M.S., Virginia Commonwealth

OKOCHA, CHRISTIE

Professor, English

B.Ed., University of Ibadan, Nigeria

M.A., Cleveland State University

J.D., Cleveland Marshall College of Law

ORR, TRACY

Assoc. Professor, Information Technology

A.S., Cuyahoga Community College

B.S., Dyke College

M.Ed., Cleveland State University

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Asst. Professor, Mathematics

B.A., Lake Superior State University

M.A., Western Michigan University

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B.S., Cleveland State University

M.B.A., Case Western University

OVERFIELD, DANIEL

Asst. Professor, Library

B.A., Ohio University

M.S., Drexel University

P.

PACK, DANNY

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Engineering Technology

B.S.E.T., Cleveland State University

M.S.I.E., Cleveland State University

M.S.E.E., Cleveland State University

PANZA, JOHN

Asst. Professor, English

B.A., John Carroll University

M.A., John Carroll University

PARAMESWARAN, VANITHA

Assoc. Professor, Mathematics

B.A., Bharathiar University

M.A., Avinashilingam Deemed

University

M.A.P., Avinashilingam Deemed

University

PATWARDHAN, PAT
Assoc. Professor, Business Administration
 B.A., University of Pune
 B.A., Eureka College
 M.S., Illinois State University

PECK, ANDREA
Asst. Professor, Speech Communications
 B.A., University of Michigan
 M.A., Kent State University

PERRY, FREDERICK
Professor, Theatre/Television
 B.A., University of California
 M.A., University of Arizona
 Ph.D., University of Colorado

PETCAVAGE, SHEILA D.
Assoc. Professor, Business Administration
 B.A., Baldwin-Wallace College
 M.B.A., Baldwin-Wallace College

PHILLIPS, CHRISTINE
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 B.S., Kent State University
 M.Ed., Cleveland State University

PICKENS, TONISHA
Asst. Professor, Counseling
 B.A., Ohio University
 M.Ed., Ohio University

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Assoc. Professor, Business Administration
 B.S., Case Western Reserve University
 M.B.A., Northeastern University
 Ph.D., Capella University

PIERCE, MATTHEW
Asst. Professor, English as a Second Language
 B.S., Florida International University
 M.S., Florida International University
 Ed.D., Florida International University

PIERO, MIKE
Asst. Professor, English
 A.A., Cuyahoga Community College
 B.A., The University of Akron
 M.A., John Carroll University

POSEY, SAMANTHA
Asst. Professor, Counseling
 B.S., Bowling Green State University
 M.S., Kent State University
 Ph.D., University of Akron

POWERS, TRISTA
Asst. Professor, English
 B.A., Mount Union College
 M.A., Carnegie Mellon University

PRESTON, WILLIAM
Assoc. Professor, Biology
 B.S., John Carroll University
 M.S., John Carroll University

PRIMUTH, ERIC
Assoc. Professor, Accounting
 B.B.A., Cleveland State University
 M.S.A., Kent State University
 M.B.A., Kent State University

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RANKINS, MICHELLE
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 B.A., Kent State University
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RASEL, JOHN
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 M.A., Eastern Illinois University
 M.L.I.S., Kent State University

REDLES, DAVID
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REED, JOHNIE
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 A.A., Cuyahoga Community College
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 B.B.A., Tiffin University
 M.S., Case Western Reserve University
 M.Ed., Cleveland State University

REED, TIFFANIE
Asst. Professor, Sociology
 B.A., Cleveland State University
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RELYEA, AMY
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 B.S., Miami University
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REYES, SUZANNE
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 M.A., John Carroll University

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 B.S., University of Akron
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RIFICI, LOUIS
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 B.S., Bowling Green State University
 M.S., Virginia Polytechnic Institute

RILEY, TABBY
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 B.S., University of Akron
 M.S., Walden University

RITTMAN, MARK
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 Ph.D., Kent State University

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 Ph.D., Cleveland State University

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 M.F.A., Kent State University

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 M.A., Cleveland State University
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 M.A., University of Delaware

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 B.S., John Carroll University
 M.S., The Ohio State University
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ROY, COLEEN
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 B.S., Taylor University
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Appendix VII: Employees

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B.S., Ohio Northern University
Pharm.D., Ohio Northern University

RYLAND, MARK
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B.S., Kent State University
M.A., Kent State University

S.....

SANDERS, DESIREE
Asst. Professor, Nursing
A.A., Huron School of Nursing
B.S., University of Akron
M.S., Walden University
M.A., Indiana Wesleyan

SCALONE, JANIS
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Language
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B.S., Slippery Rock University
M.Ed., University of Pittsburgh

SCHAFER, TED
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A.A.S., Cuyahoga Community College

SCHLUETER, LUKE
Asst. Professor, English
B.A., Franciscan University
Steubenville
M.A., University of Dallas
Ph.D., Kent State University

SCOTT, GARY
Asst. Professor, Music
B.A., University of Tulsa
M.M., University of Tulsa

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B.M., Ohio University
M.M., Ohio University

SEBOLD, D. DAVID
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Engineering Technology
B.A., Cleveland State University

SHARMA, PRABHAT
Asst. Professor, Massotherapy/Biology
B.S., University of Delhi
M.S., Jiwaji University
M.D., Our Lady of Fatima
Ph.D., Jiwaji University

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B.S., Kent State University
M.S., Cleveland State University

SHELTON, PATTY
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B.S., Ursuline College
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M.A.T., University of Florida

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M.A., Tufts University
M.A., Kent State University
Ph.D., Kent State University

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M.A., University of Wisconsin-
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B.S., Heidelberg College
M.A., University of Toledo

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B.A., Otterbein College
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M.S., University of New Mexico

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M.A., Kent State University

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M.A., University of Toledo

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M.S.N., University of Akron

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 B.S., Cleveland State University
 M.S., University of Akron

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 A.S.N., Lorain Community College
 B.S.N., Ohio University
 M.S.N., Ohio University

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 M.S., NOVA Southeastern University

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 B.A., Cleveland State University
 M.F.A., Chapman University

TAYLOR, ALVIN
Asst. Professor, English
 B.A., Eckerd College
 M.A., Cleveland State University
 M.Ed., Cleveland State University

TETTEH-LARTEY, EDWARD
Asst. Professor, Physics
 B.S., University of Ghana
 M.S., Brunel University
 Ph.D., University of London

THAKKAR, BHAVNA
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 M.L.I.S., Kent State University

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 B.A., St. Pious College
 M.A., Sikkim Manipal University

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 M.A., Cleveland State University

TOBIN, KERRY
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 B.A., Adelphi University
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TORGOV, ALEXANDER
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 B.S., University of Haifa
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TROCHE, HOLLY
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 Ph.D., Zabolotny Institute of
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 Ph.D., Cleveland State University

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 B.S., Walsh College
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 A.A., Cuyahoga Community College
 B.A., Cleveland State University
 M.A., Cleveland State University

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 B.A., Baldwin-Wallace College
 M.P.A., Bowling Green State University
 M.A., Kent State University

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 B.A., Transylvania University
 Ph.D., University of Cincinnati College
 of Medicine

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 B.S., University of Akron
 M.S., University of Akron

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 A.S., Cuyahoga Community College
 B.S., Cleveland State University
 M.S., Cleveland State University
 Ph.D., Cleveland State University

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 M.S.N., Chamberlain College

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 M.B.A., University of Phoenix

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 M.S., Middle Tennessee State
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 M.A., Kent State University

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 M.A., University of Florida

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 M.A., Cleveland State University

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B.F.A., Cleveland Institute of Art
M.F.A., Maine College of Arts

WEBB, TERRY
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M.S., Ashland Theological Seminary

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Ph.D., University of Minnesota

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M.S., Bowling Green State University
M.B.A., Baldwin-Wallace College

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M.L.S., Kent State University

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M.S., Newman University

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B.A., University of Arkansas
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B.S., Grand Valley State University
Ph.D., Kent State University
Ph.D., Michigan State University

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B.S., John Carroll University
M.S., Baldwin Wallace College
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B.S., Bowling Green University
M.S., Cleveland State University
Ph.D., Kent State University

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Asst. Professor, Speech Communications
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M.A., University of Northern Iowa
Ph.D., Southern Illinois University

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B.S., Youngstown State University
M.S., Youngstown State University

WILLIAMS, JONATHAN
Asst. Professor, Physics
B.S., University of Alabama
M.S., University of Alabama
Ph.D., University of Alabama

WILLIAMS, KENNETH
Asst. Professor, Massotherapy
B.A., Kent State University
Ph.D., Life University

WILLIAMS, TODD
Asst. Professor, Business Administration
B.S.B.A., University of Akron
M.B.A., University of Akron

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Assoc. Professor, English
B.A., Adrian College
M.F.A., Bowling Green State University

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Asst. Professor, Nursing
B.S.N., Ursuline University
M.S.N., University of Phoenix

WILSON, KENNETH
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M.A., Slippery Rock University

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B.A., University of Michigan
M.A., Cleveland State University

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M.Ed., Cleveland State University

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M.A., John Carroll University
Ph.D., Case Western Reserve University

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Certification, Le Cordon Bleu

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B.A., University of Iowa
M.A., University of Cincinnati

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Ph.D., Michigan State University

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A.S., Cuyahoga Community College
B.S., University of Akron
M.S., University of Akron
M.Ed., University of Akron
Ed.D., Nova Southeastern University

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Asst. Professor, Biology
B.S., Xavier University
Ph.D., Case Western Reserve University

ZEHNDER, CARA
Asst. Professor, Nursing
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M.S.N., Kent State University

ZELEZNIK, THERESA P.
Asst. Professor, English
B.A., Cleveland State University
M.A., Cleveland State University

ZINNER, ELLIOTT

Assoc. Professor, Speech Communications
B.S., State University of New York
(Geneseo)
M.A., Ohio University
Ph.D., Case Western Reserve University

ZOLDESSY, BRIAN

Asst. Professor, Theatre Arts
B.F.A., Long Island University
M.F.A., California State University

Appendix VIII: Campus Maps and Directions

Eastern Campus

4250 Richmond Road
Highland Hills, OH 44122-6195

By automobile:

The Eastern Campus is bound by Harvard Road to the north, Emery Road to the south, Richmond Road to the east and Green Road to the west. Please Note: Parking Permits are required to park in spaces designated for Faculty and Staff.

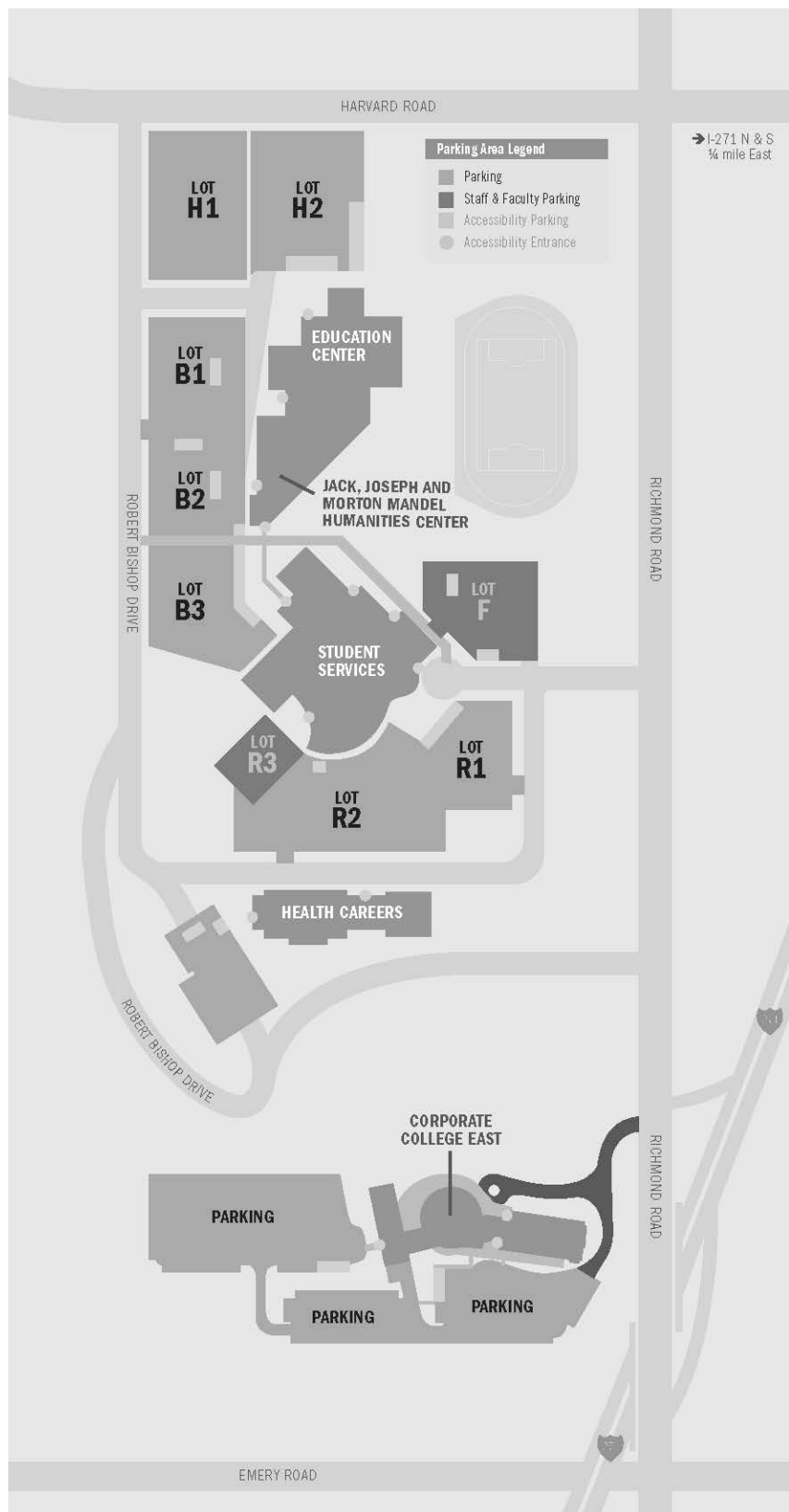
Motorists traveling south on I-271 should take the Harvard Road exit (Exit 28B). Turn right off the exit ramp and travel west on Harvard (about a quarter mile) to Richmond Road. Turn left on Richmond Road and travel south (about a quarter mile). The Eastern Campus entrance will appear on your right.

Motorists traveling north on I-271 should take the Harvard Road exit (Exit 28B). Turn left off the exit ramp and proceed (about a quarter mile) west on Harvard to Richmond Road. Turn left on Richmond and travel south to the Eastern Campus entrance (on your right).

Motorists traveling I-480 east should merge onto I-271 north (use local lanes) and then follow the directions above (north on I-271).

By bus:

Routes #15 Union-Harvard operates 7 days, early morning through late night. #94 E. 260th - Richmond operates M-F, early morning through evening. For the most up to date information, go to RideRTA.com and do on line trip planning or call the RTAnswerline at 216-621-9500.



Metropolitan Campus

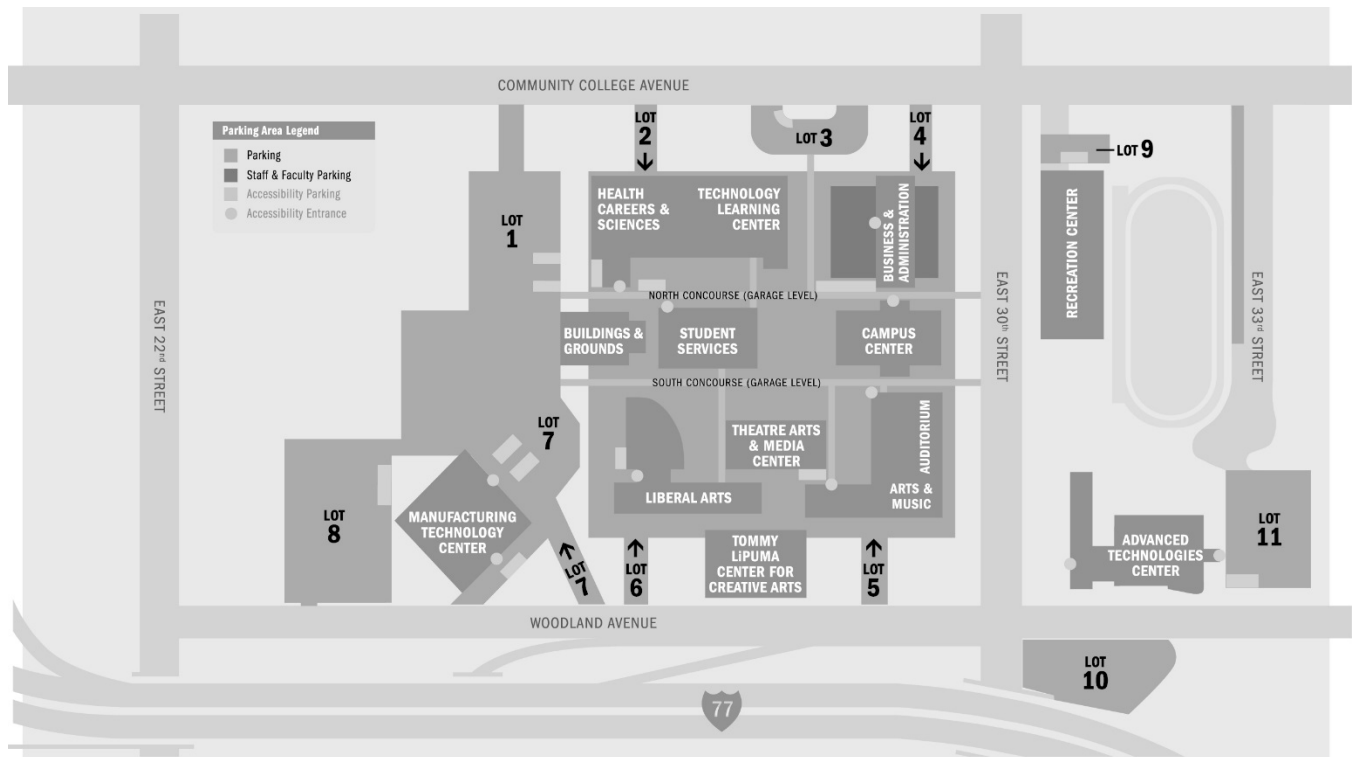
2900 Community College Avenue
Cleveland, OH 44115-3196

By automobile:

Motorists can reach the campus by traveling east or west via Euclid or Carnegie Ave. to East 30th Street and then south to the campus. From I-77 northbound take the Cuyahoga Community College exit (East 30th Street) onto Woodland Ave. From I-90 eastbound and I-71 northbound take the exit to I-77 south and immediately exit onto East 30th Street. Please Note: Parking Permits are required to park in spaces designated for Faculty and Staff.

By bus:

Routes #11 Quincy-Buckeye operates 7 days, early morning through late night. #14 Kinsman operates 24/7. #15 Union-Harvard operates early morning through late night. For the most up to date information, go to RideRTA.com and do on line trip planning or call the RTAanswerline at 216-621-9500.



Appendix VIII: Campus Maps and Directions

Western Campus

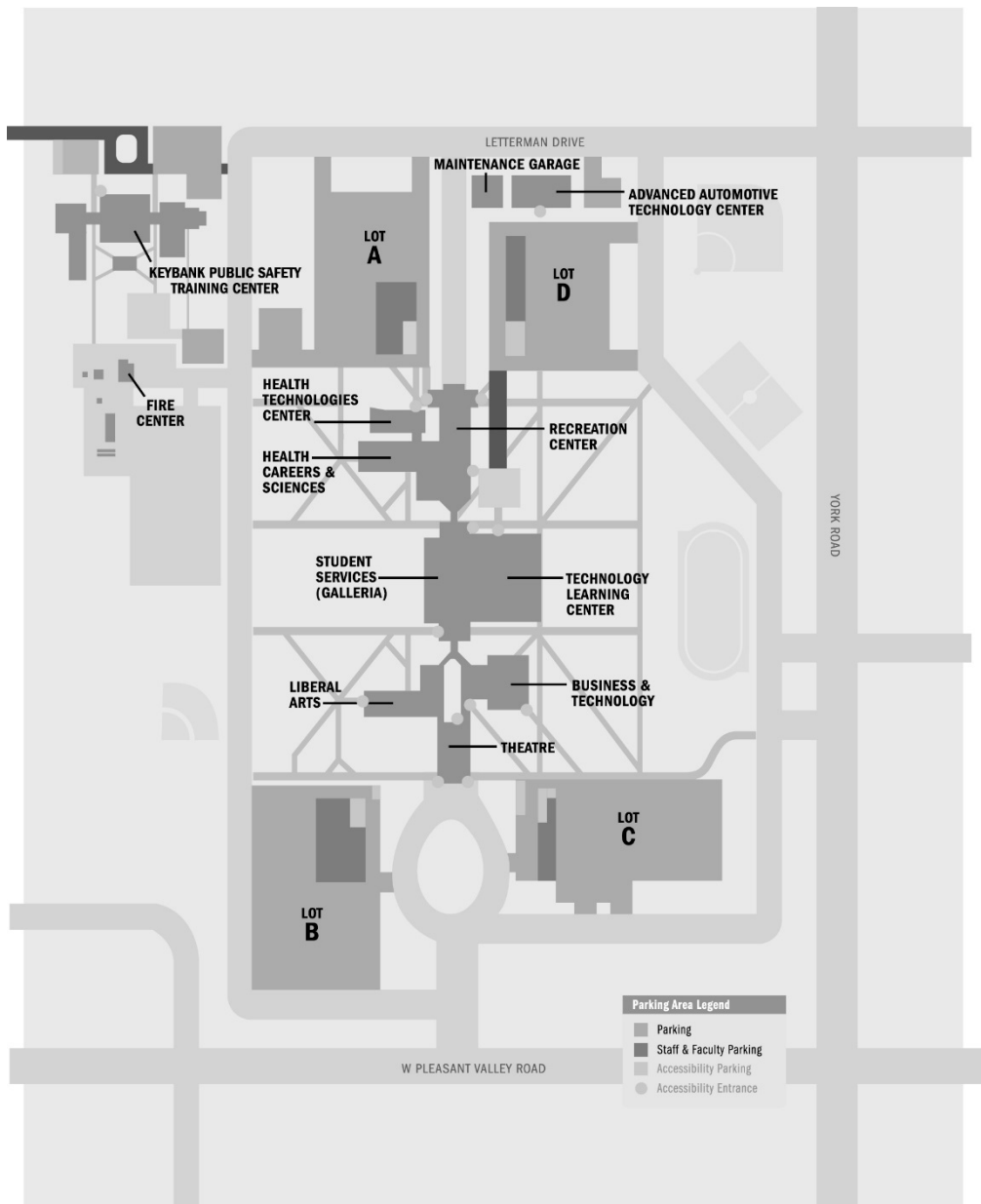
11000 Pleasant Valley Road
Parma, OH 44130-5199

By automobile:

The Western Campus is bound by Pleasant Valley Road to the south and York Road to the east. The campus is accessible from I-77 using the Pleasant Valley Road exit and traveling west on Pleasant Valley Road to the campus or from I-71 exiting at Bagley Road and traveling east on Bagley Road (its name changes to Pleasant Valley Road) to the campus. Please Note: Parking Permits are required to park in spaces designated for Faculty and Staff.

By bus:

Routes: #45 Ridge operates 7 days, early morning through late night. #68 Bagley operates M-F, early morning through afternoon rush. #83 W. 130th operates 7 Days, early morning through evening. For the most up to date information, go to RideRTA.com and do on line trip planning or call the RTAnswerline at 216-621-9500.



Westshore Campus

31001 Clemens Road
Westlake, OH 44145

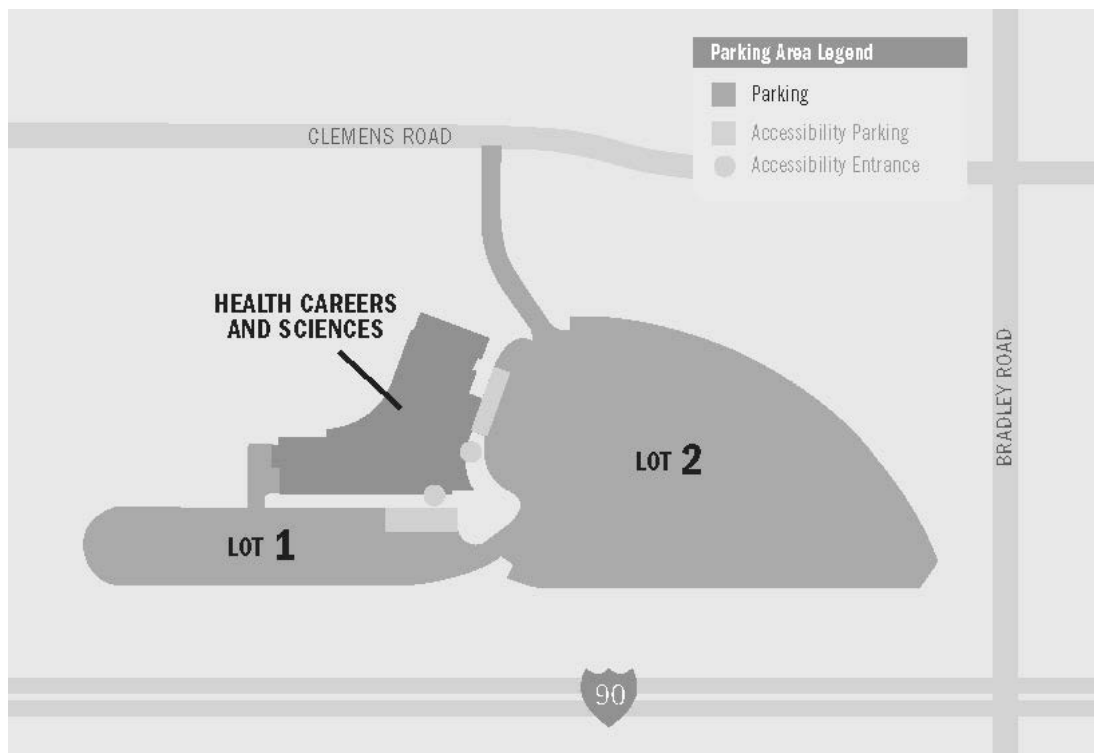
From the West:

Motorists traveling West on I-90 should take the Crocker Rd. / Basset Rd. exit (Exit 156). Turn right off the exit onto Crocker Road. Take an immediate left onto Clemens Road. The Westshore Campus entrance is about a half mile down the road, just after you pass the Bradley Road intersection.

From the East:

Motorists traveling East on I-90 should take the Crocker Rd. / Basset Rd. exit (Exit 156). Turn left off the exit onto Crocker Road. Take an immediate left onto Clemens Road. The Westshore Campus entrance is about a half mile down the road, just after you pass the Bradley Road intersection.

Please Note: Parking Permits are required to park in spaces designated for Faculty and Staff.



Manufacturing Technology Center (MTC)/WCED

2415 Woodland Avenue
Cleveland, OH 44115-3239

Advanced Technology Training Center (ATTC)/WCED

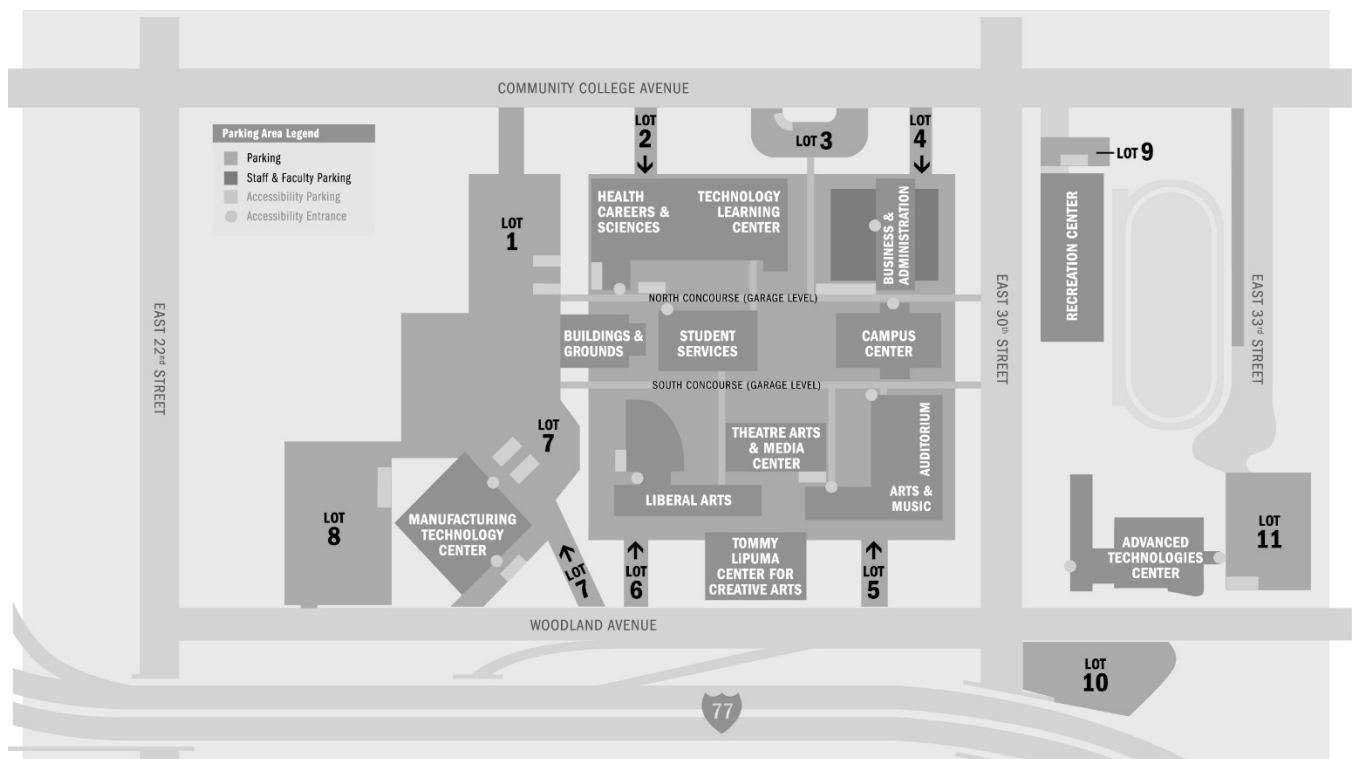
3409 Woodland Avenue
Cleveland, OH 44115-3239

By automobile:

Motorists can reach the UTC adjacent to Metropolitan Campus by traveling east or west via Euclid or Carnegie Avenue to East 30th Street and then south to the UTC. From I-77 northbound take the Cuyahoga Community College exit (East 30th Street) onto Woodland Ave. From I-90 eastbound and I-71 northbound take the exit to I-77 south and immediately exit onto East 30th Street. Please Note: Parking Permits are required to park in spaces designated for Faculty and Staff.

By bus:

Routes: #11 Quincy-Buckeye operates 7 days, early morning through late night. #14 Kinsman operates 24/7. #15 Union-Harvard operates early morning through late night. For the most up to date information, go to RideRTA.com and do on line trip planning or call the RTAanswerline at 216-621-9500.



Corporate College® East

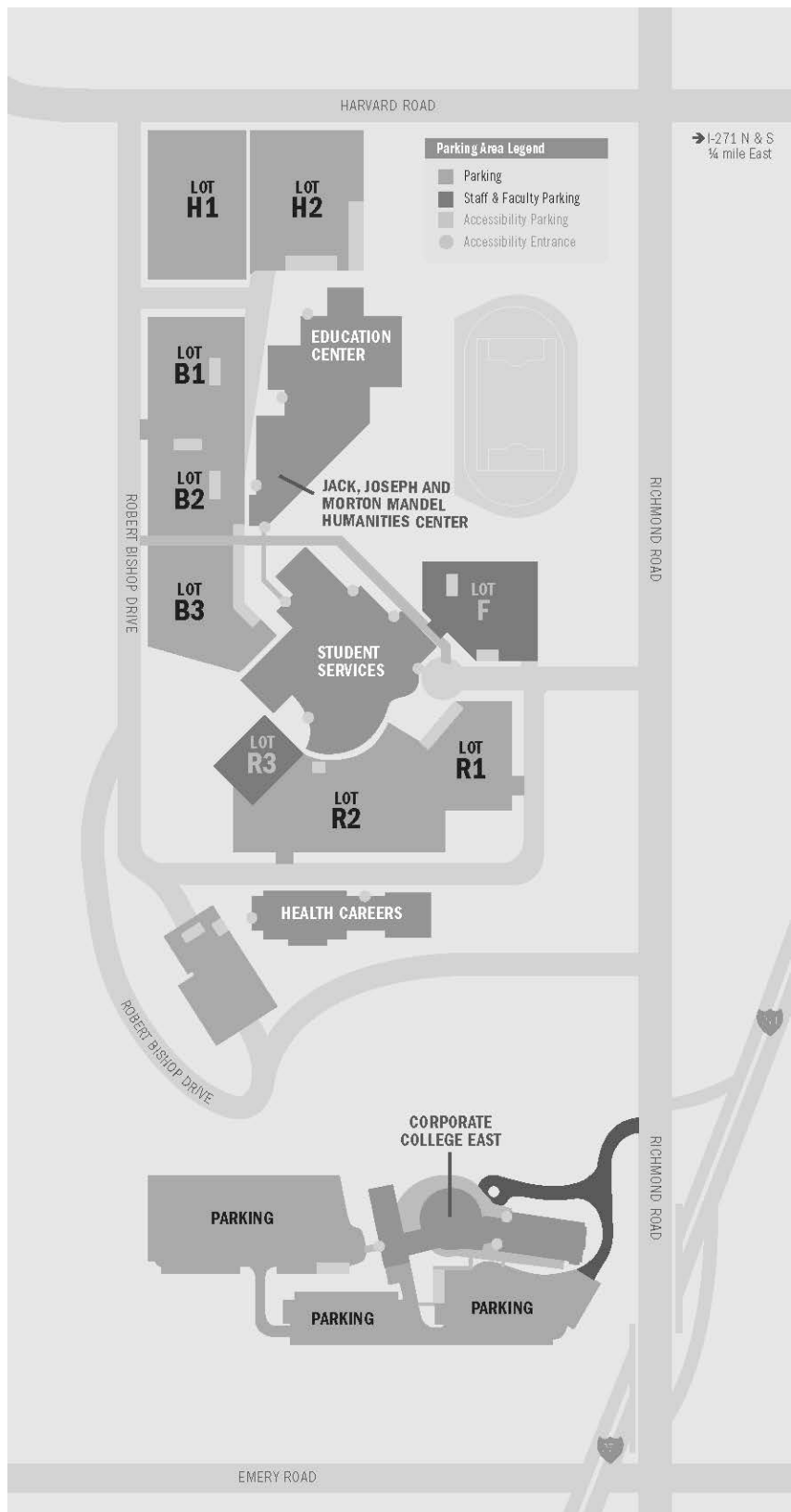
4400 Richmond Road
Warrensville, OH 44128

By automobile:

Corporate College East is easily accessed by traveling south on I-271, exiting at 28B Harvard Road. Proceed turning right off of the exit ramp, traveling west on Harvard Road. The entrance to Corporate College East is located on Richmond Road. No parking permits are required.

By bus:

Routes #15 Union-Harvard operates 7 days, early morning through late night. #94 E. 260th - Richmond operates M-F, early morning through evening. For the most up to date information, go to RideRTA.com and do on line trip planning or call the RTAnswerline at 216-621-9500.



Appendix VIII: Campus Maps and Directions

Corporate College® West

25425 Center Ridge Road
Westlake, OH 44145

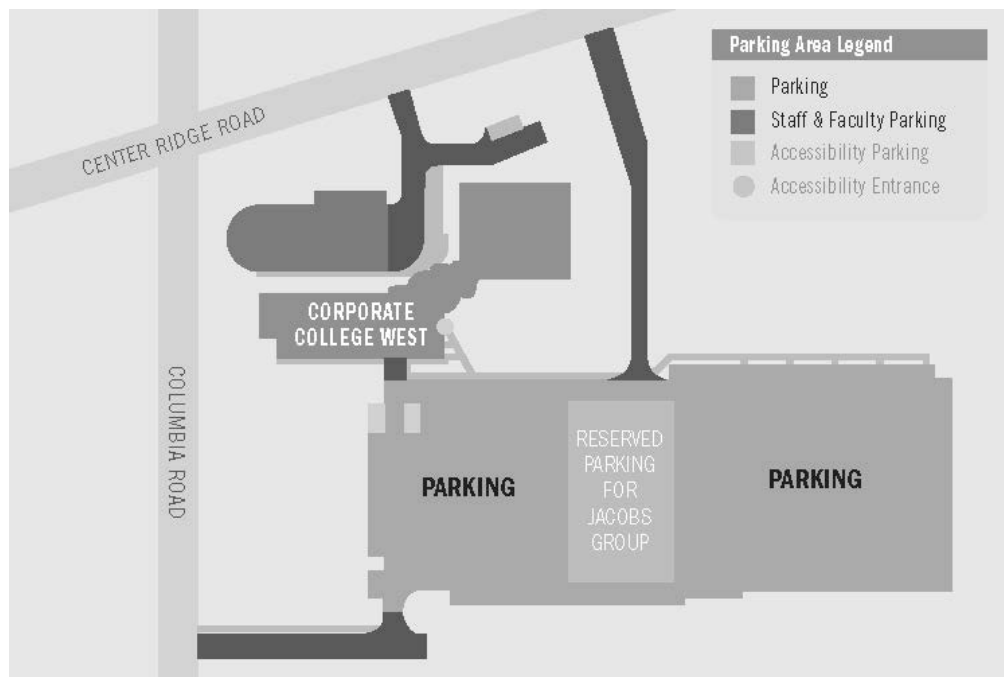
By automobile:

Located at 25425 Center Ridge Road in Westlake, Corporate College is easily accessed from I-90. Exit at Columbia Road (Rt. 252) and go south to Center Ridge Road. Corporate College is on the southeast corner. Enter from Center Ridge Road.

Please Note: Parking Permits are required to park in spaces designated for Faculty and Staff.

By bus:

Routes: #49 Center Ridge operates 7 days, early morning through evening. For the most up to date information, go to RideRTA.com and do on line trip planning or call the RTAnswerline at 216-621-9500.



Brunswick University Center

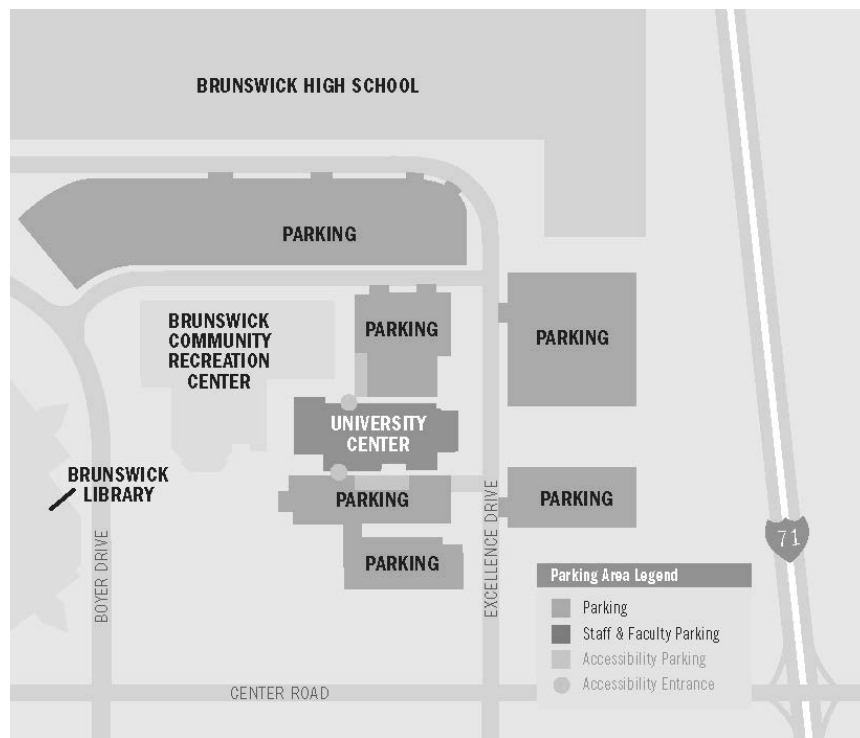
3605 Center Road
Brunswick, Ohio 44212

By automobile:

The Brunswick College Center is bound by Route 303 to the south and Old Eagle Drive to the east. Motorists traveling South on I-71 should take the Route 303 W/Center Rd. exit (Exit 226). Turn right off the exit onto Route 303/Center Road. The Brunswick College Center entrance is about one mile down the road on your right.

Please Note: Parking Permits are required to park in spaces designated for Faculty and Staff.

Motorists traveling North on I-71 should take the Route 303 W/Center Rd. exit (Exit 226). Turn left off the exit onto Route 303/Center Road. The Brunswick College Center entrance is about one mile down the road on your right.



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