

**CLEVELAND STATE COMMUNITY COLLEGE/TENNESSEE WESLEYAN UNIVERSITY
COURSE EQUIVALENTS
2018-2019**

CSCC COURSE #	COURSE TITLE	TWU COURSE #
<u>ACCOUNTING (ACCT)</u>		
ACCT 1010	Principles of Accounting I	BA 201
ACCT 1020	Principles of Accounting II	BA 202
ACCT 2301	Payroll Accounting	BA Elective
ACCT 2320	Business Finance	BA Elective
ACCT 2331	Tax Accounting	BA Elective
ACCT 2341	Cost Accounting	BA Elective
ACCT 2362	Forensic Accounting	BA Elective
ACCT 2382	Accounting Systems Applications	BA Elective
ACCT 2399	Accounting Capstone	BA Elective
ACCT 2511	Introduction to Peachtree Accounting	BA Elective
ACCT 2512	Accounting Projects in Peachtree	BA Elective
ACCT 2531	Introduction to QuickBooks	BA Elective
ACCT 2532	Accounting Projects in QuickBooks	BA Elective
ACCT 2801 - 2899	Special Topics in Accounting	BA Elective
ACCT 2900	Individualized Topics in Accounting	BA Elective
<u>ADMINISTRATIVE PROFESSIONAL TECHNOLOGY (ADMN)</u>		
ADMN 1302	Keyboarding/Formatting I	General Elective
ADMN 1304	Transcription/Editing	General Elective
ADMN 1305	Business English	General Elective
ADMN 1306	Medical Terminology I	General Elective
ADMN 1307	Survey of Coding	General Elective
ADMN 1308	Office Procedures	General Elective
ADMN 1309	Records Management	General Elective
ADMN 1310	Business Communications	General Elective
ADMN 1311	Word Processing I	General Elective
ADMN 1312	Keyboarding/Formatting II	General Elective
ADMN 1313	Spreadsheet Applications	General Elective
ADMN 1322	Presentation Applications	General Elective
ADMN 2303	CPT Coding	General Elective
ADMN 2304	Introduction to Electronic Health Records	General Elective
ADMN 2306	Legal Terminology and Transcription	General Elective
ADMN 2307	Medical Transcription	General Elective
ADMN 2311	ICD-PCS Coding	General Elective
ADMN 2322	Introduction to Basic Law	General Elective
ADMN 2330	Database Applications	General Elective
ADMN 2375	Career Development and Planning	General Elective
ADMN 2395	APT Internship	General Elective
<u>ADVANCED EMERGENCY MEDICAL TECHNICIAN (EMSA)</u>		
EMSA 1111	Advanced EMT Clinical	HE Elective
EMSA 1112	Advanced EMT Field Internship	HE Elective
EMSA 1201	Advanced EMT Medical Skills Lab	HE 264
EMSA 1202	Advanced EMT Trauma and Medical Skills Lab	HE 264
EMSA 1501	Advanced EMT Medical Emergencies	HE 264
EMSA 1502	Advanced EMT Trauma and Medical Emergencies	HE 264

AGRICULTURE (AGRI)

AGRI 1010	Introduction to Agriculture Business	General Elective
AGRI 1020	Introduction to Animal Science	General Elective
AGRI 1030	Introduction to Plant Science	General Elective
AGRI 1050	Soil Science	General Elective
AGRI 1300	Issues in Agriculture and Natural Resources	General Elective
AGRI 1410	Introduction to Agriculture	General Elective
AGRI 2110	Veterinary Assistant Practicum	General Elective
AGRI 2801-2899	Special Topics in Agriculture	General Elective
AGRI 2900	Individualized Studies in Agriculture	General Elective

ART (ARTH/ARTP)

ART 1030	Introduction to Art	A 111
ART 1045	Drawing I	A 101
ART 1050	Drawing II	A 102
ART 2000	Survey of Art History I	A 111
ART 2020	Survey of Art History II	Art Elective
ARTH 2500	Art Theory and Criticism	Art Elective
ARTP 1110	Two Dimensional Design	A 216
ARTP 1120	Three Dimensional Design	A 317
ARTP 2110	Sculpture I	Art Elective
ARTP 2120	Sculpture II	Art Elective
ARTP 2410	Clay I	Art Elective
ARTP 2420	Clay II	Art Elective
ARTP 2510	Portfolio Preparation	Art Elective
ARTP 2710	Indiv. Problems in Art I	A 286
ARTP 2720	Indiv. Problems in Art II	A 286
ARTP 2801-2899	Special Topics in Art	A 286
ARTP 2900	Indiv. Studies in Art Performance	A 286

ASTRONOMY (ASTR)

ASTR 1010	Solar Systems Astronomy	P 100*
ASTR 1020	Stars & Galaxies Astronomy	P 100*
ASTR 2801 – 2899	Special Topics in Astronomy	P Elective
ASTR 2900	Individualized Studies in Astronomy	P Elective

If both are completed, ASTR 1020 would receive P elective credit.

BIOLOGY (BIOL)

BIOL 1010	Introduction to Biology	B 110, B 111
BIOL 1020	Diversity of Life	B 120
BIOL 1050	Southern Appalachian Flora and Fauna	B Elective
BIOL 1110	General Biology I	B 180, B 181
BIOL 1120	General Biology II	B 182, B 183
BIOL 1130	General Biology III	B 182, B 183
BIOL 1310	Wildlife Law Enforcement	B Elective
BIOL 1510	Environmental Science I	B 116, B 117
BIOL 1520	Environmental Science II	B 116, B 117
BIOL 2010	Human Anatomy and Physiology I	B 140, B 141
BIOL 2020	Human Anatomy and Physiology II	B 142, B 143
BIOL 2110	Forestry, Wildlife, Fisheries	B Elective
BIOL 2230	Microbiology	B 264, B 265
BIOL 2310	Conservation	B Elective
BIOL 2320	Dendrology	B Elective
BIOL 2330	Ecology	B Elective
BIOL 2801	2899 - Special Topics in Biology	B Elective
BIOL 2900	Individualized Studies in Biology	B Elective

BUSINESS (BUS / BUSN)

BUS 1400	Principles of Customer Service	BA Elective
BUS 1410	Customer Service Methods	BA Elective
BUS 2801-2899	Special Topics in Business	BA Elective
BUS 2900	Individualized Studies in Business	BA Elective
BUSN 1300	Personal Finance	BA Elective
BUSN 1302	Keyboarding with Word Processing	BA Elective
BUSN 1305	Introduction to Business	BA Elective
BUSN 1310	Business Communications	BA Elective
BUSN 1320	Business Calculations	BA Elective
BUSN 1330	Entrepreneurship	BA Elective
BUSN 1340	Small Business Management	BA Elective
BUSN 1370	Spreadsheet Applications	BA Elective
BUSN 1380	Supervisory Management	BA Elective
BUSN 2195	Business Applications	BA Elective
BUSN 2310	Business Statistics	BA Elective
BUSN 2320	Business Finance	BA Elective
BUSN 2330	Principles of Management	BA Elective
BUSN 2340	Human Resource Management	BA Elective
BUSN 2350	Organizational Behavior	BA Elective
BUSN 2360	International Business	BA Elective
BUSN 2370	Legal Environment of Business	BA 221
BUSN 2380	Principles of Marketing	BA Elective
BUSN 2385	Project Design and Management	BA Elective
BUSN 2390	Business Presentations	BA Elective
BUSN 2395	Business Applications	BA Elective

CHEMISTRY (CHEM)

CHEM 1010	Introductory Chemistry I	C 110, C 111
CHEM 1110	General Chemistry I	C 110, C 111
CHEM 1120	General Chemistry II	C 152, C 153
CHEM 2010	Organic Chemistry I	C 220, C 221
CHEM 2020	Organic Chemistry II	C 222, C 223
CHEM 2801 – 2899	Special Topics in Chemistry	C Elective
CHEM 2900	Individual Studies in Chemistry	C 290

COMMUNICATIONS (COMM)

COMM 1010	Introduction to Mass Communication	COM Elective
COMM 1020	Writing for the Mass Media	COM Elective
COMM 1030	Introduction to Broadcasting	COM Elective
COMM 1510	Journalism Practicum I	TWU 308
COMM 1520	Journalism Practicum II	TWU 308
COMM 2020	Introduction to Television Production	COM Elective
COMM 2110	Advertising	COM Elective
COMM 2130	Introduction to Public Relations	COM 240
COMM 2510	Journalism Practicum III	TWU 308
COMM 2520	Journalism Practicum IV	TWU 308
COMM 2610	Communication Practicum	COM Elective
COMM 2710	TV News I	COM Elective
COMM 2720	TV News II	COM Elective
COMM 2801-2899	Special Topics in Communications	COM Elective
COMM 2900	Individualized Studies in Communications	COM Elective

COMPUTER INFORMATION TECHNOLOGY (CIT/CITC)

CIT 2030	Servers/Network Operating Systems	BA Elective
CIT 2105	CIT Internship Experience	BA Elective
CIT 2801 - 2899	Special Topics in Computer Service Technology	BA Elective
CIT 2900	Individualized Studies in Computer Service Technology	BA Elective
CITC 1300	Beginning HTML & CSS	BA Elective
CITC 1301	Introduction to Programming and Logic	BA Elective
CITC 1302	Introduction to Networking	BA Elective
CITC 1303	Database Concepts	BA Elective
CITC 1321	A+ Hardware	BA Elective
CITC 1322	A+ Software	BA Elective
CITC 1330	Microsoft Desktop Operating Systems	BA Elective
CITC 1333	Linux LPCI-1	BA Elective
CITC 1372	Android App Development	BA Elective
CITC 2190	CITC Capstone	BA Elective
CITC 2199	Co-op/Internship I	BA Elective
CITC 2299	Co-op/Internship II	BA Elective
CITC 2320	Windows Server Administration	BA Elective
CITC 2323	Microsoft Network Infrastructure	BA Elective
CITC 2326	Network Security	BA Elective
CITC 2337	Active Directory	BA Elective
CITC 2369	Windows Server Virtualization/Configuring Certification	BA Elective

COMPUTER AND INFORMATION SYSTEMS (CIS/CISP/INFS)

CIS 2100	CIS Internship Experience	BA Elective
CIS 2105	CIS Internship Experience	BA Elective
CIS 2210	Systems Development and Design	BA Elective
CISP 1010	Computer Science I	BA Elective
CISP 1020	Computer Science II	BA Elective
CISP 1610	Programming in C++	BA Elective
CISP 2801-2899	Special Topics in CIS Programming	BA Elective
CISP 2900	Individualized Studies in CIS Programming	BA Elective
INFS 111	Programming Using Mobile Apps	BA Elective
INFS 113	Visual Basic	BA Elective
INFS 161	Database Using MS SQL	BA Elective
INFS 173	Programming in C#	BA Elective
INFS 213	Active Server Pages	BA Elective
INFS 1000	CSCC Computer Basics	BA Elective
INFS 1010	Computer Applications	CA 218*
INFS 1051	Spreadsheets Seminar – Excel	BA Elective
INFS 1065	PowerPoint Seminar	BA Elective
INFS 1100	Technology for Teachers	CA 218*/ED
INFS 2801-2899	Computer Information Systems	BA Elective
INFS 2900	CI Computer Information Systems	BA Elective

*If both INFS 1100 and INFS 1010 are taken, one would receive CA elective credit.

CONSTRUCTION TECHNOLOGY (CST)

CST 1010	Construction Techniques/Methods	General Elective
CST 2010	Cost Estimating and Job Analysis	General Elective
CST 2020	Contracting Technical/Legal Aspects	General Elective
CST 2030	Standard Building Codes	General Elective
CST 2040	Renewable Energy	General Elective
CST 2050	PV Panel Installation	General Elective
CST 2400	Service Learning-Habitat	General Elective
CST 2500	Energy Star Residential Ratings	General Elective
CST 2610	Energy-Efficient Construction	General Elective
CST 2620	Ground-Sourced HVAC	General Elective
CST 2801	2899 - Special Topics in Construction Technology	General Elective
CST 2900	Individualized Studies in Construction Technology	General Elective

COOPERATIVE EDUCATION (CPE)

CPE 1010	Cooperative Education I	General Elective
CPE 1011	Job Search Skills	General Elective
CPE 1012	Soft Skills in the Workforce	General Elective
CPE 1020	Cooperative Education II	General Elective
CPE 1030	Cooperative Education/Office	General Elective
CPE 1100	Career Exploration	General Elective
CPE 2010	Cooperative Education III	General Elective
CPE 2020	Cooperative Education IV	General Elective
CPE 2100	Co-op/Internship Experience	General Elective
CPE 2200	Co-op/Internship Experience II	General Elective

CRIMINAL JUSTICE (CRMJ)

CRMJ 1010	Intro to Criminal Justice Systems	CJ 211
CRMJ 2020	Introduction to Corrections	CJ 333
CRMJ 1340	Criminal Investigation	CJ Elective
CRMJ 1341	Physical Defensive Tactics	CJ Elective
CRMJ 1391	Patrol and Traffic Procedures	CJ Elective
CRMJ 1392	Introduction to Criminal Investigations	CJ Elective
CRMJ 1393	Community Policing for Law Enforcement	CJ Elective
CRMJ 2010	Introduction to Law Enforcement	CJ Elective
CRMJ 2020	Introduction to Corrections	CJ Elective
CRMJ 2110	Legal Issues in Investigations	CJ Elective
CRMJ 2210	Issues in Juvenile Justice	CJ Elective
CRMJ 2322	Police Firearms	CJ Elective
CRMJ 2362	Defensive and Tactical Driving	CJ Elective
CRMJ 2363	Basic Law Enforcement Procedures	CJ Elective
CRMJ 2410	Externship	CJ Elective
CRMJ 2801-2899	Special Topics in Criminal Justice	CJ Elective
CRMJ 2900	Individualized Studies in Criminal Justice	CJ Elective

CULINARY ARTS (CULN)

CULN 1200	Sanitation and Food Safety	General Elective
CULN 1305	Nutrition for Culinary Arts	General Elective
CULN 1320	Culinary I Fundamentals	General Elective
CULN 1325	Culinary II Fabrication	General Elective

DEVELOPMENTAL COURSES (DSPW, DSPM, DSPR, DSPS, READ)

These courses receive no transfer credit.

No Credit

EARLY CHILDHOOD EDUCATION (ECED)

ECED 1310	Introduction to Early Childhood	ED Elective
ECED 2186	Special Topics/Early Childhood	ED Elective
ECED 2286	Special Topics/Early Childhood	ED Elective
ECED 2300	The Mentoring Teacher	ED Elective
ECED 2310+ECED 2335	Safe/Healthy Environments/Initial Practicum	ED 420
ECED 2312	Early Childhood Administration	ED Elective
ECED 2315	Early Childhood Curriculum	ED Elective
ECED 2320	Infant/Toddler Development	PY 231
ECED 2330	Infant and Toddler Care	ED Elective
ECED 2340	Family Dynamics	ED 140
ECED 2360	Exceptional Child	ED 320
ECED 2365	Final Practicum	ED Elective
ECED 2370+ECED 2380	Dev. Assessment + Language and Literacy	ED 350 or ED425
ECED 2385+ECED 2390	Early Childhood Math/Science / Creative Devel.	ED 380
ECED 2386	Special Topics/Early Childhood	ED Elective
ECED 2510	Children's Literature	ED Elective
ECED 2801-2899	Special Topics in Early Childhood Education	ED Elective
ECED 2900	Individualized Studies in Early Childhood Education	ED Elective

ECONOMICS (ECON)

ECON 2200	Principles of Microeconomics	BA/EC 252
ECON 2010	Principles of Macroeconomics	BA/EC 251
ECON 2801-2899	Special Topics in Economics	General Elective
ECON 2900	Individualized Studies in Economics	General Elective

EDUCATION (EDU)

EDU 1100	Technology for Teachers	CA 218 or ED 230
EDU 1130	Educational Psychology	ED 201
EDU 1240	Introduction to Peer Tutoring	ED Elective
EDU 2000	Introduction to Teaching	ED 110
EDU 2040	Child Growth & Development	PY 231*
EDU 2130	Life Span Psychology	PY 251
EDU 2801-2899	Special Topics in Education	ED Elective
EDU 2900	Individualized Studies in Education	ED Elective
EDUC 2210	Educational Psychology	ED 201

*If both, EDU 2040 would receive PY elective credit (see ECED 2320)

ELECTRICAL ENGINEERING TECHNOLOGY (EETC)

EETC 1300	Introduction to Electrical Engineering Technology	General Elective
EETC 1313	DC Circuits	General Elective
EETC 1314	AC Circuits	General Elective
EETC 1321	Electronics I	General Elective
EETC 1322	Electronics II	General Elective
EETC 1370	Transformers/Rotating Machines	General Elective
EETC 2311	Power Technology	General Elective
EETC 2331	PLC I	General Elective
EETC 2332	PLC II	General Elective
EETC 2350	Integrated Robotics	General Elective
EETC 2361	Instrumentation Technology	General Elective

ELECTRONICS TECHNOLOGY (EET)

EET 1110	Electrical Systems in HVAC	General Elective
EET 1310	Analog Electronics	General Elective
EET 2801-2899	Special Topics in Electronics Technology	General Elective
EET 2900	Individualized Studies in Electronics Technology	General Elective

EMERGENCY MEDICAL TECHNICIAN (EMT / EMSB)

EMSB 1101	EMT Medical Skills Lab	General Elective
EMSB 1102	EMT Trauma and Medical Skills Lab	General Elective
EMSB 1111	EMT Clinical	General Elective
EMSB 1112	EMT Field Internship	General Elective
EMSB 1601	EMT Medical Emergencies and EMS Operations	General Elective
EMSB 1602	EMT Trauma and Medical Emergencies	General Elective
EMT 1030	EMT-IV Accelerated	General Elective
EMT 1040	Emergency Medical Responder	General Elective
EMT 2801-2899	Special Topics in Emergency Medical Technician	General Elective
EMT 2900	Individualized Studies in Emergency Medical Technician	General Elective

ENGINEERING (ENGR)

ENGR 2110	Engineering Statics	ENR 201
ENGR 2120	Engineering Dynamics	ENR 202
ENGR 2130	Engineering Circuits	General Elective

ENGINEERING SYSTEMS TECHNOLOGY (ENST)

ENST 1233	3D CAD Mapping	General Elective
ENST 1300	Technical Calculations	General Elective
ENST 1311	Computer Aided Design I	General Elective
ENST 1312	Computer Aided Design II	General Elective
ENST 1314	Engineering Graphics	General Elective
ENST 1320	Solidworks I	General Elective
ENST 1330	Manual Residential Design	General Elective
ENST 1331	2-D Residential Design	General Elective
ENST 1332	Surveying and Mapping	General Elective
ENST 1333	3D CAD Mapping	General Elective
ENST 1340	Machine Tool Technology	General Elective
ENST 1350	Industrial Safety	General Elective
ENST 1362	Industrial Print Reading	General Elective
ENST 1370	Manufacturing Processes	General Elective
ENST 2330	3-D Commercial Design	General Elective
ENST 2331	Route Surveying	General Elective
ENST 2333	Mapping with GIS	General Elective
ENST 2340	CNC Programming I	General Elective
ENST 2361	Fluid Power Systems	General Elective
ENST 2390	Capstone	General Elective

ENGINEERING GRAPHICS (ERG)

ERG 2040	CAD Customization	General Elective
ERG 2801 - 2899	Special Topics in Engineering Graphics	General Elective
ERG 2900	Individualized Studies in Engineering Graphics	General Elective

ENGLISH (ENGL)

ENGL 0800	Learning Support: Writing	No Credit
ENGL 0900	Writer's Workshop	No Credit
ENGL 1010	Composition I	E 101
ENGL 1020	Composition II	E 102
ENGL 2110	Early American Literature	E 341
ENGL 2120	Modern American Literature	E 342
ENGL 2210	Early British Literature	E 336
ENGL 2220	Modern British Literature	E 337
ENGL 2310	Early World Literature	E 201
ENGL 2320	Modern World Literature	E 202
ENGL 2510	Children's Literature	E 312
ENGL 2610	Creative Writing	E 370
ENGL 2801-2899	Special Topics in English	E Elective
ENGL 2900	Individualized Studies in English	E Elective

FRENCH (FREN)

FREN 1010	Beginning French I	F 101
FREN 1020	Beginning French II	F 102
FREN 2801-2899	Special Topics in French	F Elective
FREN 2900	Individualized Studies in French	F Elective

GENERAL STUDIES (GEN)

GEN 1010	First Year Seminar	General Elective
GEN 1100	Student Success	General Elective
GEN 1110	Introduction to College Life	General Elective
GEN 1210	Success and Leadership	General Elective
GEN 1240	Introduction to Peer Tutoring	General Elective

GEOGRAPHY (GEOG)

GEOG 1012	Cultural Geography	H 108
GEOG 2010	World Regional Geography	H 107
GEOG 2801-2899	Special Topics in Geography	General Elective
GEOG 2900	Individualized Studies in Geography	General Elective

HEALTH (HED)

HED 2010	Health and Wellness	HE 162*
HED 2060	Safety Education/First Aid/CPR	HE 264*/KS 350**
HED 2100	Introduction to Exercise Science	HE Elective
HED 2200	Care and Prevention of Athletic Injuries	KS 280/KS 350**
HED 2210	Principles of Nutrition	HE 263/N 126***
HED 2801-2899	Special Topics in Health	HE Elective
HED 2900	Individualized Studies in Health	HE Elective

*If both courses are completed, replaces HE 375 at TWU

**If HED 2200 and HED 2060 are both completed, they can transfer as KS 350

***PE majors receive HE 263 and Nursing majors receive N 126

HEALTH INFORMATION TECHNOLOGY/HEALTH SCIENCE (HIT/HSCI)

HIT 1011	Introduction to Health Information Technology	General Elective
HIT 1140	Health Information Computer Applications	General Elective
HSCI 2000	Health Science Supervisor Management	General Elective
HSCI 2010	Healthcare Contemporary Issues	General Elective
HSCI 2801-2899	Special Topics in Health Science	General Elective

HISTORY (HIST)

HIST 2310	Early World History	H 101
HIST 2320	Modern World History	H 102
HIST 2010	Early United States History	H 151
HIST 2020	Modern United States History	H 152
HIST 2030	Tennessee History	H Elective
HIST 2801-2899	Special Topics in History	H Elective
HIST 2900	Individualized Studies in History	H Elective

HONORS (HON)

HON 1010, 1020	Interdisciplinary Perspectives	General Elective
HON 1110 -FYS:	Honors Colloquium	General Elective
HON 2900	Individualized Honors Studies	General Elective
HON 2902	Leadership Development Studies	General Elective
HON 2999	Honors Capstone	General Elective

HUMANITIES (HUM)

HUM 1010	Early Humanities	General Elective
HUM 1020	Modern Humanities	General Elective
HUM 1070	Old Testament Survey	R 307
HUM 1080	New Testament Survey	R 305
HUM 1280	Comparative Cultures	General Elective
HUM 1911	International Studies–Travel	General Elective
HUM 1912	International Studies-Travel II	General Elective
HUM 1913	International Studies-Travel III	General Elective
HUM 1914	International Studies-Travel IV	General Elective
HUM 1921	International Studies-Seminar	General Elective
HUM 1922	International Studies-Seminar II	General Elective
HUM 1923	International Studies-Seminar III	General Elective
HUM 1924	International Studies-Seminar IV	General Elective
HUM 2510	Children’s Literature	E 312
HUM 2740	Literature as Film	E Lit. Elective
HUM 2801-2899	Special Topics in Humanities	General Elective
HUM 2900	Individualized Studies in Humanities	General Elective

INDUSTRIAL TECHNOLOGY (INT)

INT 1120	Machine Shop Technology II	General Elective
INT 1310	Welding Technology I	General Elective
INT 1320	Welding Technology II	General Elective
INT 1330	Welding Technology III	General Elective
INT 2020	Process Equipment and Systems	General Elective
INT 2220	Preventive Maintenance	General Elective
INT 2310	HVAC I	General Elective
INT 2320	HVAC II	General Elective
INT 2330	Energy Management	General Elective
INT 2340	Systems Design	General Elective
INT 2350	HVAC Advanced Problems	General Elective
INT 2801-2899	Special Topics in Industrial Technology	General Elective
INT 2900	Individualized Studies in Industrial Technology	General Elective

INTERNATIONAL STUDIES (INTL)

INTL 1911	International Studies Travel	General Elective
INTL 1912	International Studies-Travel II	General Elective
INTL 1913	International Studies-Travel III	General Elective
INTL 1914	International Studies-Travel IV	General Elective
INTL 1921	International Studies-Seminar	General Elective
INTL 1922	International Studies-Seminar II	General Elective
INTL 1923	International Studies-Seminar III	General Elective
INTL 1924	International Studies-Seminar IV	General Elective

LANGUAGE LABORATORY (LNG)

LNG 1000	Language Laboratory	No Credit
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LEGAL ADMINISTRATIVE ASSISTANT (LEGL)

LEGL 1306	Law Practice Management	General Elective
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MATHEMATICS (MATH)

MATH 0100	Co-requisite Algebra Support	No Credit
MATH 0530	Co-requisite Statistics Support	No Credit
MATH 0700	Learning Support Mathematics Tutorial	No Credit
MATH 1000	Algebra Essentials	M Elective
MATH 1130	College Algebra	M131
MATH 1200	Trigonometry	M Elective
MATH 1410	Number Concepts for Teachers	M 355
MATH 1420	Geometry Concepts for Teachers	M 356
MATH 1530	Introductory Statistics	M 132
MATH 1630	Finite Mathematics	M Elective
MATH 1710	Pre-Calculus Algebra	M 141
MATH 1720	Pre-Calculus Trigonometry	M 142
MATH 1730	Pre-Calculus (combined 1710 and 1720)	M 141
MATH 1830	Applied Calculus	M Elective
MATH 1900	Scientific Programming	General Elective
MATH 1910	Calculus I	M 181
MATH 1920	Calculus II	M 182
MATH 2010	Introduction to Linear Algebra	M Elective
MATH 2110	Calculus III	M 283
MATH 2120	Differential Equations	M 371
MATH 2750	Numerical Methods	M Elective
MATH 2801-2899	Special Topics in Mathematics	M Elective
MATH 2900	Individualized Studies in Mathematics	M Elective

MECHATRONICS (MECA)

MECH 1310	Electrical Components	General Elective
MECH 1320	Mechanical Components and Electric Motors	General Elective
MECH 1330	Electro-Pneumatic and Hydraulic Control Circuits	General Elective
MECH 1340	Digital Fundamentals and PLCs	General Elective
MECH 1490	Mechatronics Bridge	General Elective
MECH 2320	Motor Control	General Elective
MECH 2425	Mechanics and Machine Elements	General Elective
MECH 2440	Process Control Technologies	General Elective
MECH 2441	Introduction to Totally Integrated Automation	General Elective
MECH 2480	Automation Systems	General Elective
MECH 2490	Manufacturing Applications	General Elective

MEDICAL ASSISTING (MDCA)

MDCA 1301	Medical Assisting I	General Elective
MDCA 1302	Medical Assisting II	General Elective
MDCA 1303	MA Administrative Procedures	General Elective
MDCA 2180	MA Special Topics	General Elective
MDCA 2280	MA Special Topics	General Elective
MDCA 2301	Medical Assisting Pharmacology	General Elective
MDCA 2302	Healthcare Legal/Ethical Issues	General Elective
MDCA 2380	MA Special Topics	General Elective
MDCA 2403	Medical Assisting III	General Elective
MDCA 2404	Medical Assisting IV	General Elective
MDCA 2405	Medical Assisting Practicum	General Elective

MUSIC (MUS)

MUS 1057	Music Theory I	MU 108*
MUS 1020	Music Theory and Harmony II	MU 111, 111L*
MUS 1030	Introduction to Music	MU 207
MUS 1040	Conducting	MU Elective
MUS 1110	Vocal Rhapsody I	MU Elective
MUS 1120	Vocal Rhapsody II	MU Elective
MUS 1150	Voice I Non-Major	MU 103r
MUS 1160	Voice II Non-Major	MU 103r
MUS 1170	Voice I Major	MU 103r
MUS 1180	Voice II Major	MU 103r
MUS 1027	Class Piano I	MU Elective
MUS 1127	Class Piano II	MU Elective
MUS 1210	Piano I Non-Major	MU Elective
MUS 1220	Piano II Non-Major	MU Elective
MUS 1230	Piano I Major	MU Elective
MUS 1240	Piano II Major	MU Elective
MUS 1250	Woodwinds I	MU Elective
MUS 1260	Woodwinds II	MU Elective
MUS 1270	Woodwinds III	MU Elective
MUS 1280	Woodwinds IV	MU Elective
MUS 1350	Brass I	MU Elective
MUS 1360	Brass II	MU Elective
MUS 1370	Brass III	MU Elective
MUS 1380	Brass IV	MU Elective
MUS 1410,1420	Chamber Choir I, II	MU 191
MUS 1450	Percussion I	MU Elective
MUS 1460	Percussion II	MU Elective
MUS 1470,1480	Concert Band I, II	MU 161
MUS 1058	Ear Training I	MU Elective
MUS 1156	Ear Training II	MU Elective
MUS 2056	Ear Training III	MU Elective
MUS 1670	Guitar I Non-Major	MU 103r
MUS 1680	Guitar II Non-Major	MU 103r
MUS 1770	Guitar I Major	MU 103r
MUS 1780	Guitar II Major	MU 103r
MUS 2055	Music Theory and Harmony III	MU 112, 112L*
MUS 2110,2120	Vocal Rhapsody	MU 171
MUS 2210	Piano III Non-Major	MU Elective
MUS 2220	Piano IV Non-Major	MU Elective

MUS 2230	Piano III Major	MU Elective
MUS 2240	Piano IV Major	MU Elective
MUS 2250	Voice III Non-Major	MU 103r
MUS 2260	Voice IV Non-Major	MU 103r
MUS 2270	Voice III Major	MU 103r
MUS 2280	Voice IV Major	MU 103r
MUS 2340	Music Theater Workshop	MU Elective
MUS 2350	Music Theater Workshop	MU Elective
MUS 2410,2420	Chamber Choir	MU 191
MUS 2450	Percussion III	MU Elective
MUS 2460	Percussion IV	MU Elective
MUS 2470, 2480	Concert Band III, IV	MU 161
MUS 2670	Guitar III Non-Major	MU 103r
MUS 2680	Guitar IV Non-Major	MU 103r
MUS 2770	Guitar III Major	MU 103r
MUS 2780	Guitar IV Major	MU 103r
MUS 2801-2899	Special Topics in Music	MU Elective
MUS 2900	Individualized Studies in Music	MU Elective
MUS 2155	Music Theory IV	MU Elective

*Credit granted for Music Theory courses contingent upon successfully passing a placement test at Tennessee Wesleyan University.

NURSING (NUR)

NRSG 1100	Transition to Professional Nursing	General Elective
NRSG 1320	Women's Health and the Childbearing Family	General Elective
NRSG 1330	Pediatric Nursing	General Elective
NRSG 1340	Mental Health Nursing	General Elective
NRSG 1500	Transition to Professional Nursing	General Elective
NRSG 1600	Transition to Professional Nursing	General Elective
NRSG 1700	Transition to Professional Nursing	General Elective
NRSG 1701	Transition to Professional Nursing (Paramedic)	General Elective
NRSG 1710	Fundamentals of Nursing	General Elective
NRSG 1720	Medical Surgical Nursing I	General Elective
NRSG 2240	Professional Practice in Nursing	General Elective
NRSG 2730	Medical Surgical Nursing II	General Elective
NRSG 2740	Medical Surgical Nursing III	General Elective
NUR 2010	Nursing III	General Elective
NUR 2020	Nursing IV	General Elective

OFFICE ADMINISTRATION (OSA)

OSA 1610	Keyboarding	General Elective
OSA 1620	Text Formatting	General Elective
OSA 1630	Data Entry	General Elective
OSA 2210	Advanced Document Processing	General Elective
OSA 2400	Applied Calculations	General Elective
OSA 2420	Transcription/Editing II	General Elective
OSA 2430	Transcription/Editing III	General Elective
OSA 2520	Advanced Medical Terminology	General Elective
OSA 2801-2899	Special Topics in Office Administration	General Elective
OSA 2900	Individualized Studies in Office Administration	General Elective

PARAMEDIC (EMSP)

EMSP 1311	Paramedic Clinical I	General Elective
EMSP 1401	Paramedic Skills Lab I	General Elective
EMSP 1801	Fundamentals of Paramedic I	General Elective
EMSP 2303	Paramedic Practicum	General Elective
EMSP 2402	Paramedic Skills Lab II	General Elective
EMSP 2403	Paramedic Capstone	General Elective
EMSP 2412	Paramedic Clinical II	General Elective
EMSP 2513	Paramedic Field Internship	General Elective
EMSP 2802	Fundamentals of Paramedic II	General Elective

PHILOSOPHY (PHIL)

PHIL 1030	Introduction to Philosophy	PH 100
PHIL 1040	Introduction to Ethics	PH 200
PHIL 2801-2899	Special Topics in Philosophy	PH 209
PHIL 2900	Individualized Studies in Philosophy	PH 319r

PHOTOGRAPHY (PHO)

PHO 1010	35 mm Camera Operation	General Elective
PHO 1011	Digital Camera Operation	General Elective
PHO 1110	Basic Photography I	General Elective
PHO 1120	Basic Photography II	General Elective
PHO 2430	Studio Photography	General Elective
PHO 2801-2899	Special Topics in Photography	General Elective
PHO 2900	Individualized Studies in Photography	General Elective

PHYSICAL EDUCATION (PHED)

PHED 1010,1020,1030,1040	Varsity Athletics I, II, III, IV	PE 100
PHED 1150	Archery	PE 100
PHED 1170	Beginning Tennis	PE 100
PHED 1180	Advanced Tennis	PE 100
PHED 1220	Bowling	PE 100
PHED 1233	Kickboxing Aerobics	PE 100
PHED 1235	Kickboxing I	PE 100
PHED 1236	Kickboxing II	PE 100
PHED 1320	Beginning Karate	PE 100
PHED 1330	Advanced Karate	PE 100
PHED 1331	Walking	PE 100
PHED 1360	Snow Skiing	PE 100
PHED 1370	Advanced Snow Skiing	PE 100
PHED 1520	Basic Camping	PE 100
PHED 1530	Geocaching	PE 100
PHED 1560	Backpacking	PE 100
PHED 1610	Fitness I	PE 100
PHED 1611	Fitness II	PE 100
PHED 2000	Personal Training	PE Elective
PHED 2210	Playground Leadership	PE Elective
PHED 2310	Physical Education in Elem Schools	PE Elective*
PHED 2510	Introduction to Leisure Studies	PE 200
PHED 2801-2899	Special Topics in Physical Education	PE Elective
PHED 2900	Individualized Studies in Physical Education	PE Elective

*This course plus two activity courses fulfill the PE 308 requirement for Elementary Teacher Licensure.

PHYSICS (PHYS)

PHYS 1030	Survey of Physics	P 110, P 111
PHYS 2010	Non-calculus Based Physics I	P 232, P 233
PHYS 2020	Non-calculus Based Physics II	P 234, P 235
PHYS 2110	Calculus Based Physics I	P 264
PHYS 2120	Calculus Based Physics II	P 265
PHYS 2610	Engineering Circuits	P Elective
PHYS 2710	Engineering Statics	P Elective
PHYS 2720	Engineering Dynamics	P Elective
PHYS 2801-2899	Special Topics in Physics	P Elective
PHYS 2900	Individualized Studies in Physics	P Elective

POLITICAL SCIENCE (POLS)

POLS 1030	American Government	PS 201
POLS 1730	Principles of Leadership I	PS Elective
POLS 1740	Principles of Leadership II	PS Elective
POLS 2801-2899	Special Topics in Political Science	PS Elective
POLS 2900	Individualized Studies in Political Science	PS Elective

PSYCHOLOGY (PSYC)

PSYC 1030	Introduction to Psychology	PY 101
PSYC 2040	Child Growth and Development	PY 231
PSYC 2110	Psychology of Adjustment	PY Elective
PSYC 2130	Lifespan Development Psychology	PY 251
PSYC 2310	Abnormal Psychology	PY Elective
PSYC 2801 - 2899	Special Topics in Psychology	PY Elective
PSYC 2900	Individualized Studies in Psychology	PY Elective

READING (READ)

READ 0810	Co-requisite Reading	No Credit
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RELIGIOUS STUDIES (REL)

REL 1070	Old Testament Survey	R Elective
REL 1080	New Testament Survey	R Elective
REL 2801-2899	Special Topics in Religious Studies	R 219
REL 2900	Individualized Studies in Religious Studies	R 319
RELS 2020	Religions of the World	R 207

SERVICE LEARNING (SLE)

SLE 2400	Service Learning Project I	General Elective
SLE 2410	Service Learning Exercises I	General Elective
SLE 2420	Service Learning Exercises II	General Elective
SLE 2430	Service Learning Exercises III	General Elective
SLE 2440	Service Learning Exercises IV	General Elective
SLE 2500	Service Learning Project II	General Elective
SLE 2600	Service Learning Project III	General Elective

SOCIAL WORK (SWRK)

SWRK 1020	Social Problems	SWK Elective
SWRK 1060	Social Work Practicum	SWK Elective
SWRK 1130	Substance Abuse	SWK 361
SWRK 1320	Aging in America/Elder Care	SWK Elective
SWRK 2010	Introduction to Social Work	SWK 231
SWRK 2020	Cultural Diversity	SO 301
SWRK 2030	Introduction to Social Welfare and Policy	SWK 334
SWRK 2040	Interviewing Skills	SWK 333
SWRK 2050	Crisis and Mental Health	SWK Elective
SWRK 2060	Family and Children Services	SWK Elective
SWRK 2801-2899	Special Topics in Social Work	SWK Elective
SWRK 2900	Individualized Studies in Social Work	SWK Elective

SOCIOLOGY (SO CI)

SOCI 1010	Introduction to Sociology	SO 101
SOCI 1040	Social Problems	SO 204
SOCI 2010	Marriage and Family	SO Elective
SOCI 2020	Cultural Diversity	SO 301
SOCI 2801-2899	Special Topics in Sociology	SO Elective
SOCI 2900	Individualized Studies in Sociology	SO Elective

SPANISH (SPAN)

SPAN 1010	Beginning Spanish I	S 101
SPAN 1020	Beginning Spanish II	S 102
SPAN 1110	Basic Spanish in the Workplace	S Elective
SPAN 2010	Intermediate Spanish I	S 201
SPAN 2020	Intermediate Spanish II	S 202
SPAN 2110	Conversational Spanish I	S Elective
SPAN 2120	Conversational Spanish II	S Elective
SPAN 2801-2899	Special Topics in Spanish	S Elective
SPAN 2900	Individualized Studies in Spanish	S Elective

SPEECH (SPCH)

COMM 2025	Fundamentals of Communication	SP 101
SPCH 2801-2899	Special Topics in Speech	SP Elective
SPCH 2900	Individualized Studies in Speech and Drama	SP Elective

THEATRE (THEA)

THEA 1030	Introduction to Theater	TH Elective
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NOTE: Students who wish to petition that a course transfer as a specific course at TWU must make the petition to the appropriate department chairperson at TWU.

Revised: 12/14/2018 JM

CSCC course descriptions reviewed from published/online academic catalog:
<http://catalog.clevelandstatecc.edu/content.php?catoid=13&navoid=769>