

The University of Toledo
Course Equivalency Guide
Ohio Northern University (Semesters)

Ohio Northern University (Semesters)		University of Toledo		Beg Term	End Term	College / Major
Course	Title	Course	Title			
ASSCDEG	Associate Degree	ASSC DEG	Associate Degree	197640		
112 250	Jour Paper A-F	COMM 1EL	Communications Elective 100 L	198840	198930	
UWD CRED	UWD Transfer Credit	GNRL CRED	UWD Transfer Credit			
UWD DEGR	UWD Credit	GNRL CRED	UG Degree Completed			
UWD DEGR	UWD Credit	GNRL CRED	UG Degree Awarded			AS
UWD CRED	UWD Transfer Credit	GNRL CRED	UWD Transfer Credit			AS
AASG005	Basic Reading Skills	ENGL DEV	Developmental English Course	200340	99999	
AASG190	Special Topics	ARS 1000 ZSTK DEV	Orientation Develop Study Skills Elective	199440		AS
AASG010	Study Skills	ZSTK DEV	Develop Study Skills Elective	199440		AS
AASG100	First Year Experience	ARS 1000	Orientation	199440		
AASG190	Special Topics	ARS 1000 ZSTK DEV	Orientation Study Skills Devel Course	199440		
AASG001	Medical Sciences Orientation	ARS 1000	Orientation	199640		
AASG300	Career & Grad School Search	UC## 1120	Career and Self Evaluation	199540		
AASG001	Medical Sciences Orienta	ZFRE 1EL	Free Elective 100 Level	199440	199630	
ABUS201	Computer Applications for Bus	BUAD 1020	Micro-Computer Applications	199440		

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ACCT212	Princs of Accounting 2	BUAD 2050	Accounting for Business Decis	200140		
ACCT211	Princs of Accounting 1	BUAD 2040	Financial Accounting Informat	200140		
AHPE21	Weight Training & Phys Condit	RCA 1010	Sports and Physical Activity	199810		
AHPE080	Beginning Tennis	RCA 1010	Sports and Physical Activity	199440		
APHE001	Varsity Football Participatn	ZTEC 1EL	Technical Elective 1000 Lvl	199440		
AHPE036	Beginning Fitness	RCA 1010	Sports & Physical Activity	199440		
AHPE066	Dance Aerobics	RCA 1010	Sports & Physical Activity	199540		
AHPE083	Square and Folk Dance	PED 1010	Sports and Physical Activity	199740	199830	
AHPE021	Weight Training/Physical	PED 1010	Sports and Physical Activity	199240		
AHPE004	Varsity Volleyball	PED 1010	Sports and Physical Activity	199640	199830	

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Course	Title	Course	Title			
AMUS093	Women's Chorus	MUS 3160	Women's Chorus	200340		
AMUS083	University Singers	MUS 3130	University Chorus	199440		
AMUS079	Men's Chorus	MUS 3180	Men's Chorus	200440		
AMUS084	Wind Ensemble	MUS 3040	University Wind Ensemble	199440		
AMUS088	Jazz Ensemble	MUS 3020	Jazz Ensemble	199440		
AMUS094	Brass Ensemble	MUS 3030	Brass Choir	199440		
AMUS092	Woodwind Ensemble	MUS 3050	Chamber Music Ensembles	199440		
AMUS096	Symphony Orchestra	MUS 3090	University Orchestra	199440		
AMUS090	Marching Band	MUS 3010	University Band	199440		
AMUS087	Symphonic Band	MUS 3010	University Band	199440		
AMUS086	Pep Band	MUS 3010	University Band	199440		
AMUS100	A Cappella Ensembles	MUS 3140	Concert Chorale	200940		
AMUS080	Chorus	MUS 2130	University Chorus	199640	199740	

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Course	Title	Course	Title			
APMU121	Music - Voice Individual	MUS 1800	Applied Music	200740		
APMU120	Music - Voice for Non-Mus Maj	MUS 1280	Group Voice for the Non-Major	200740		
APMU105	Music - Piano for Music Major	MUS 1800	Applied Music	200740		
APMU104	Music - Piano for Non-Mus Maj	MUS 1250	Group Piano for Non-Major I	200740		
APMU021	Music - Voice Individual	MUS 1800	Applied Music	200740		
APMU169	Trumpet Individual	MUS 1800	Applied Music	200740		
APMU269	Trumpet Individual	MUS 2800	Applied Music	200740		
APMU049	Flute Individual	MUS 1800	Applied Music	200740		
ARMY402	Unit Mgmt, Mil Wrtg & Co	MSL 4020 MSL 4EL	Officership Military Science Elective 400	200040		
ARMY401	Unit Mgmt & Officer Dev	MSL 4010	Leadership & Staff Management	200040		
ARMY302	Small Unit Operations	MSL 3020 MSL 3EL	Leadership & Ethics Military Science Elective 300	200040		
ARMY301	Professionalism/Leadrsph	MSL 3010	Leadership & Problem Solving	200040		
ARMY202	Military Tactics	MSL 2020	Leadership & Teamwork	200040		
ARMY201	Survival	MSL 2010	Individual Leadership Studies	200040		
ARMY101	Rotc & Natl Defense Org	MSL 1020	Basic Leadership	200040		
ARMY100	Lifetime Leadershp Skill	MSL 1010	Foundations of Officership	200040		

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ART 200	Non Western Art: Thematic	ARTH 2EN	Art History EI Lv 2000 MC NW	200740		
ART 375	Printmaking 1	ART 2230	Aspects of Printmaking	199440	200630	
ART 375	Printmaking 1	ART 3EL	Art Elective 300 Level	200640		
ART 330	Art History 3	ARTH 2080	History of Modern Art	199440		
ART 320	Art History 2	ARTH 2040	Hist of Ren & Baroque Art	199440		
ART 310	Art History 1	ARTH 2000 ARTH 2020	Aspects of Ancient Art Aspects of Medieval Art	199440		
ART 265	Sculpture 1	ART 2430	Foundations of Sculpture	199440	200630	
ART 265	Sculpture 1	ART 2EL	Art Elective 200 Level	200640		
ART 255	Ceramics 1	ART 2530	Ceramics I	199440	200630	
ART 255	Ceramics 1	ART 2EL	Art Elective 200 Level	200640		
ART 250	Painting 1	ART 2330	Oil Painting	199440	200630	
ART 250	Painting 1	ART 2EL	Art Elective 200 Level	200640		
ART 150	Studio Foundations 1	ART 1080	Foundations Drawing I	199440	200630	
ART 150	Studio Foundations 1	ART 1EL	Art Elective 100 Level	200640		
ART 100	Art	ARTH 1500	Art in History	199440		
ART 000	Orientation	ARS 1000	Orientation	199440		

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BIOL195	Orientation	ARS 1000	Orientation	199440		
BIOL315	Medical Terminology	HEAL 1800	Medical Terminology	200140		
BIOL361	Entomology	BIOL 3EL	Biology Elective 300 Level	200040		
BIOL351	Cell Biology	BIOL 3030	Cell Biology	200040		
BIOL343	Histological Techniques	BIOL 3EL	Biology Elective 300 Level	200040		
BIOL336	Physiology Lab 3	BIOL 3EL	Biology Elective 300 Level	200040		
BIOL335	Physiology Lab 2	BIOL 3EL	Biology Elective 300 Level	200040		
BIOL334	Physiology Lab 1	BIOL 3EL	Biology Elective 300 Level	200040		
BIOL331	Physiology 1	BIOL 3070	Human Physiology	199640		
BIOL332	Physiology 2	BIOL 3EL	Biology Elective 300 Level			
BIOL331	Physiology 1	BIOL 3EL	Biology Elective 300 Level	199640		
BIOL332	Physiology 2	BIOL 3EL	Biology Elective 300 Level	199640		
BIOL321	Intro to Immunology	BIOL 4030 BIOL 4040	Microbiology Microbiology Laboratory	199640		
BIOL313	Intro-Medical Microbiol	BIOL 3EL	Biology Elective 300 Level	199640		
BIOL312	Microbiology Laboratory	BIOL 4040	Microbiology Laboratory	199640	200930	
BIOL311	Microbiology	BIOL 4030	Microbiology	199440		
BIOL310	Plant Physiology	BIOL 3410	Plant Physiology	199640		

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BIOL308	Vascular Plant Anatomy	BIOL 3EL	Biology Elective 300 Level	199640		
BIOL303	Histology	BIOL 3EL	Biology Elective 300 Level	199640		
BIOL302	Human Anatomy	BIOL 3EL	Biology Elective 300 Level	199440		
BIOL301	Developmental Anatomy	BIOL 3510	Comparative Vert Anatomy	199640		
BIOL231	Anatomy & Physiology 1	BIOL 3070	Human Physiology	199640		
BIOL232	Anatomy & Physiology 2	BIOL 2EL	Biology Elective 200 Level			
BIOL231	Anatomy & Physiology 1	BIOL 2EL	Biology Elective 200 Level	199640		
BIOL232	Anatomy & Physiology 2	BIOL 2EL	Biology Elective 200 Level	199640		
BIOL223	Invertebrate Zoology	BIOL 4310 BIOL 4320	Invertebrate Zoology Invertebrate Zoology Lab	199640		
BIOL217	Intro to Molecular Biol	BIOL 4010	Molecular Biology	199640		
BIOL210	Introductory Genetics	BIOL 3010	Molecular Genetics	199640		
BIOL124	Intro-Human Anat & Hist	BIOL 2020	Mammal Form and Function	199440		
BIOL123	General Botany	ZNSC 1EL	Natural Science Elective 100	199640		
BIOL122	Introduction to Zoology	BIOL 2150 BIOL 2160	Fund of Life Sci I Fund of Life Sci Lab I	199440		
BIOL121	General Biology	BIOL 2170 BIOL 2180	Fund of Life Science II Fund of Life Science Lab II	199440		
BIOL103	Life & Earth Sci-Erly &	ZNSC 1EL	Natural Science Elective 100	200040		

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Course	Title	Course	Title			
BIOL232	Anatomy & Physiology 2	KINE 2570 KINE 2EL	Human Anatomy & Phys II Kinesiology Elect 200 Level	199640		HS
BIOL231	Anatomy & Physiology 1	KINE 2560 KINE 2EL	Anatomy & Physiology I Kinesiology Elect 200 Level	199640		HS

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Course	Title	Course	Title			
CE 466	Water Resources	CIVE 4EL	Civil Eng. Elective 400 Level	200040		
CE 464	Hydrology	CIVE 4EL	Civil Eng. Elective 400 Level	200040		
CE 456	Transportation 3	CIVE 4EL	Civil Eng. Elective 400 Level	200040		
CE 446	Structural Design	CIVE 4EL	Civil Eng. Elective 400 Level	200040		
CE 444	Steel Design	CIVE 3410	Steel Design I	200040		
CE 414	Project Management	CIVE 4EL	Civil Eng. Elective 400 Level	200040		
CE 371	Urban Planning	CIVE 3EL	Civil Eng. Elective 300 Level	200240		
CE 363	Hydraulics	CIVE 3EL	Civil Eng. Elective 300 Level	200240		
CE 362	Fluid Mechanics	CIVE 1170	Fluid Mechanics for Civil Eng	200240		
CE 352	Transportation 2	CIVE 3520	Transportation Engineering II	200240		
CE 351	Transportation 1	CIVE 3510	Transportation Engineering I	200240		
CE 343	Reinforced Concrete Dsgn	CIVE 3420 CIVE 3EL	Reinforced Concrete Design I Civil Eng. Elective 300 Level	200240		
CE 342	Structures 2	CIVE 3EL	Civil Eng. Elective 300 Level	200240		
CE 341	Structures 1	CIVE 3310 CIVE 3EL	Structural Analysis Civil Eng. Elective 300 Level	200240		
CE 213	Numerical Methods	EECS 1050	Intro to Computing in C/C++	200240		
CE 203	Surveying	CIVE 1100	Measurements & CAD for Civ En	200240		

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CHEM225	Chem Concepts & Applicatns I	CHEM 1230	General Chemistry I	200440		
CHEM251	Organic Chemistry I	CHEM 2410	Organic Chemistry I	199640		
CHEM252	Organic Chemistry II	CHEM 2420	Organic Chemistry II			
CHEM253	Organic Chemistry III					
CHEM254	Lab for Organic Chem I	CHEM 2460	Organic Chemistry Lab I	199640		
CHEM255	Lab for Organic Chem 2	CHEM 2470	Organic Chemistry Lab II			
CHEM256	Lab for Organic Chem 3					
CHEM256	Lab for Organic Chem 3	CHEM 2470	Organic Chemistry Lab II	199640		
CHEM255	Lab for Organic Chem 2	CHEM 2EL	Chemistry Elective Lvl 2000	199640		
CHEM254	Lab for Organic Chem I	CHEM 2EL	Chemistry Elective Lvl 2000	199640		
CHEM253	Organic Chemistry III	CHEM 2EL	Chemistry Elective Lvl 2000	199640		
CHEM252	Organic Chemistry II	CHEM 2EL	Chemistry Elective Lvl 2000	199640		
CHEM251	Organic Chemistry I	CHEM 2410	Organic Chemistry I	199640		
CHEM254	Lab for Organic Chem I	CHEM 2460	Organic Chemistry Lab I	199640		
CHEM255	Lab for Organic Chem 2					
CHEM252	Organic Chemistry II	CHEM 2420	Organic Chemistry II	199640		
CHEM253	Organic Chemistry III					
CHEM171	Introductory Chemistry I	CHEM 1EL	Chemistry Elective Lvl 1000	199440		
CHEM000	Orientation	ARS 1000	Orientation	199440		

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CHEM181	Intro Chem for Majors 1	CHEM 1230	General Chemistry I	200040		
CHEM182	Intro Chem for Majors 2	CHEM 1280	General Chemistry Lab I			
CHEM183	Intro Chem for Majors 3	CHEM 1240	General Chemistry II			
		CHEM 1290	General Chemistry Lab II			
CHEM181	Intro Chem for Majors 1	CHEM 1230	General Chemistry I	200040		
CHEM182	Intro Chem for Majors 2	CHEM 1280	General Chemistry Lab I			
CHEM182	Intro Chem for Majors 2	CHEM 1240	General Chemistry II	200040		
CHEM183	Intro Chem for Majors 3	CHEM 1290	General Chemistry Lab II			
CHEM171	Introductory Chemistry 1	CHEM 1230	General Chemistry I	199440		
CHEM172	Introductory Chemistry 2	CHEM 1280	General Chemistry Lab I			
CHEM173	Introductory Chemistry 3	CHEM 1240	General Chemistry II			
		CHEM 1290	General Chemistry Lab II			
CHEM171	Introductory Chemistry 1	CHEM 1230	General Chemistry I	199440		
CHEM172	Introductory Chemistry 2	CHEM 1280	General Chemistry Lab I			
CHEM172	Introductory Chemistry 2	CHEM 1240	General Chemistry II	199440		
CHEM173	Introductory Chemistry 3	CHEM 1290	General Chemistry Lab II			

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Course	Title	Course	Title			
COMM278	Makeup	THR 1EL	Theater Elective Lvl 1000	199440		
COMM116	Beginning Jazz Dance	DANC 1260	Jazz I	199440		
COMM204	Dance Practicum	DANC 2980	Special Topics in Dance	199540		
COMM370	Dance History	DANC 2980	Special Topics in Dance	199540		
COMM267	Freed Center Pit Orchestra Pr	MUS 2EL	Music Elective Lvl 2000	200940		
COMM453	Mass Media and Society	COMM 4090	Mass Communication Ethics	199640		
COMM452	Broadcast Sales & Promos	COMM 4ELA	Comm Elective-Applied 400 Lev	200040		
COMM258	Brdcstg & Elec Media:Aud	COMM 2ELA	Comm Elective-Applied 200 Lev	200040		
COMM257	Brdcstg & Elec Media Pra	COMM 2ELA	Comm Elective-Applied 200 Lev	200040		
COMM236	Public Relations Writing	COMM 2ELA	Comm Elective-Applied 200 Lev	199440		
COMM225	Interpersonal Communication	COMM 3840	Interpersonal Comm	199440		
COMM211	Public Speaking	COMM 1010	Comm Principles/Practices	199640	199830	
COMM211	Public Speaking	COMM 2600	Public Presentations	199440		
COMM150	Intro-Broadcstg & Elec M	COMM 1EL	Communications Elective 100 L	200040		
COMM130	Intro to Public Relatns	COMM 1EL	Communications Elective 100 L	199640		
COMM105	Theatre Appreciation	THR 1100	Introduction to Theatre	199540		
COMM150	Intro-Broadcstg & Elec M	COMM 1ELC	Comm Elective-Conceptual 100	200040		AS COMM

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Course	Title	Course	Title	Beg Term	End Term	College / Major
ECON203	Princs of Macroeconomics	ECON 1150	Principles of Macroeconomics	200040		
ECON202	Prin of Microeconomics	ECON 1200	Principles of Microeconomics	199640	199740	
EDUC150	Five Day Field Experience I	ZTEC 1EL	Technical Elective Lvl 1000	199440		
EDUC152	Five Day Field Experience II	ZTEC 1EL	Technical Elective Lvl 1000	200740		
EDUC224	Young & Late Adol Psy	EDP 3240	Child & Adol Devel-Mid Grade	199840		
EDUC115	Culture & Schooling	TSOC 3000	Socio-Cultural Anlys-Teach&Sc	199740		

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ENGL349	Writing for Young Adults	ZCWG 3EL	Creative Writing Elect 300 Le	200040		
ENGL347	Advanced Writing	ZWRG 3EL	General Writing Elect 300 Lev	200040		
ENGL346	Prelaw Writing	ZWRG 3EL	General Writing Elect 300 Lev	200040		
ENGL345	Screen Writing	ZCWG 3EL	Creative Writing Elect 300 Le	200040		
ENGL343	Persuasive Writing	ENGL 3050	Persuasive Writing	200040		
ENGL342	Fiction Writing	ENGL 3010	Creative Writing	200040		
ENGL341	Poetry Writing	ENGL 3010	Creative Writing	200040		
ENGL335	American Writers 2	ENGL 4630	American Literary Realism	200040		
ENGL334	American Writers 1	ENGL 4600 ENGL 4620	Early American Literature American Romanticism	200040		
ENGL326	20th Century British Lit	ENGL 4540	Brit Lit: 20th Century	200040		
ENGL324	Victorian Period	ENGL 4520	Brit Lit: Victorian	200040		
ENGL323	British Romanticism	ENGL 4500 ENGL 4510	Brit Lit:Early Romantic Brit Lit:Later Romantic	200040		
ENGL322	Restoration & 18th Cent	ENGL 4460	Brit Lit:Rest & 18th C	200040		
ENGL319	Renaissance & Jacobe Lit	ENGL 4420 ENGL 4440	Brit Lit: Renaissance Early 17th C English Lit	200040		
ENGL310	British Lit Before 1500	ENGL 4400	Early English Literature	200040		
ENGL263	Women's Literature	ENGL 3750	Women and Literature	200040		

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ENGL262	African Literature	ZLIT 2EN	Literature 2000 Elec. Multi-C	200040		
ENGL261	African-American Literat	ZLIT 2EL	Literature 2000 Level Electiv	200040		
ENGL260	Intro to Shakespeare	ENGL 3810	Shakespeare I	200040		
ENGL250	Newspaper Practicum	COMM 2ELA	Comm Elective-Applied 200 Lev	200040		
ENGL243	Magazine Writing	COMM 3150	Feature Writing	200040		
ENGL241	News Writing	COMM 2100	News Writing	200040		
ENGL225	Children's & Young Adult Lit	CI 4300	Literature for Children	200040		
ENGL220	European Literature	ZLIT 2EL	Literature 2000 Level Electiv	200040		
ENGL219	Non-Western Literature	ENGL 3770	World Literatures & Cultures	200040		
ENGL214	British Literature 2	ZLIT 2EL	Literature 2000 Level Electiv	200040		
ENGL213	British Literature 1	ZLIT 2EL	Literature 2000 Level Electiv	200040		
ENGL212	American Literature 2	ZLIT 2EL	Literature 2000 Level Electiv	200040		
ENGL211	American Literature 1	ZLIT 2EL	Literature 2000 Level Electiv	199910		
ENGL210	English Studies	ENGL 2EL	English Elective 200 Level	199910		
ENGL209	Modern Fiction	ENGL 2710	Reading Fiction	199910		
ENGL208	Modern World Drama	ENGL 2720	Reading Drama	199910		
ENGL207	Modern Poetry	ENGL 2730	Reading Poetry	199910		

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ENGL204	Great Works	ENGL 2700	Interpretation of Lit	199410	199840	
ENGL204	Great Works	ZLIT 2EL	Literature 2000 Level Electiv	199910		
ENGL153	College Composition 3	ENGL 1130	Coll Comp II-Books/Ideas	199540		
ENGL151	College Composition 1	ENGL 1110	College Composition I	199240		
ENGL152	College Composition 2	ZARS 1EL	Arts & Science Elective 100 L			
ENGL151	College Composition 1	ZARS 1EL	Arts & Science Elective 100 L	199240		
ENGL152	College Composition 2	ZARS 1EL	Arts & Science Elective 100 L	199240		
ENGL111	Writing II	ENGL 1130	Coll Comp II-Books/Ideas	199240		
ENGL110	Writing I	ENGL 1110	College Composition I	199540		
ENGL105	Writing Workshop	ENGL DEV	Developmental English Course	200140		
ENGL000	English Orientation	ARS 1000	Orientation	200140		
FREN120	Elementary French I	FREN 1110	Elementary French I	199440		

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GE 250	Orientation for Co-Op	MIME 1010	Professional Development	200540		
GE 243	Engrg Material Science	MIME 1650	Materials Science & Engineeri	200140		
GE 223	Strength of Materials	CIVE 1160	Engr. Mech:Strength of Materi	200140		
GE 214	Dynamics	MIME 2300	Engineering Dynamics	200140		
GE 202	Circuits 2	EECS 3450	Electrical & Electronic Devic	200140		
GE 201	Circuits 1	EECS 2340 ZENG 2EL	Electric Circuits for Nonmajo Engineering Elective 200 Leve	200140		
GE 113	Statics	CIVE 1150	Engineering Mechanics: Static	200140		
GE 101	Fundamentals of Engineering	CIVE 1000	Freshman Civil Eng Experience	200240		
HIST215	U.S. History Since 1865	HIST 2020	America from 1865	199440		
HIST214	U.S. History To 1865	HIST 2010	America to 1865	199440		
HIST390	Special Topics in History	HIST 3EL	History Elective Lvl 3000	199440		
HIST111	World Civilization 2	HIST 1020	Europe From 1600	199310		
HIST110	Western Civilization I	HIST 1010	Europe to 1600	199310		
HPES112	First Aid Responding to Emerg	HEAL 1500	First Aid	199440		
IBEC100	Economics	ECON 1010	Intro to Economic Issues	199740		
IBEC203	Princs of Macroeconomics	ECON 1150	Principles of Macroeconomics	200040	200930	
IBEC202	Princs of Microeconomics	ECON 1200	Principles of Microeconomics	200040	200930	

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MATH157	Calculus with Pre-calculus I	MATH 1320	College Algebra	200440		
MATH263	Calculus 4	MATH 2850	Calculus III	200040		
MATH163	Calculus 1	MATH 1850	Calculus I	200040		
MATH164	Calculus 2	MATH 1860	Calculus II			
MATH165	Calculus 3	MATH 1EL	Math Elective 100 Level			
MATH163	Calculus 1	MATH 1850	Calculus I	200040		
MATH164	Calculus 2	MATH 1EL	Math Elective 100 Level			
MATH163	Calculus 1	MATH 1EL	Math Elective 100 Level	200040		
MATH165	Calculus 3					
MATH164	Calculus 2	MATH 1860	Calculus II	200040		
MATH165	Calculus 3	MATH 1EL	Math Elective 100 Level			
MATH163	Calculus 1	MATH 1EL	Math Elective 100 Level	200040		
MATH164	Calculus 2	MATH 1EL	Math Elective 100 Level	200040		
MATH165	Calculus 3	MATH 1EL	Math Elective 100 Level	200040		
MATH161	Calculus-1a Pre-Calculus	MATH 1340	College Algebra and Trig	200140		
MATH162	Calculus-1b Pre-Calculus	MATH 1EL	Math Elective 100 Level			
MATH160	Precalculus Mathematics	MATH 1340	College Algebra and Trig	200040		
MATH156	Introductory Data Analys	MATH 1EL	Math Elective 100 Level	199540	199830	
MATH154	Introduction to Calculus	MATH 1750	Math for Life Sciences I	199540	199830	
MATH154	Introduction to Calculus	MATH 1750	Math for Life Sciences I	199840		
MATH155	Calc for Life Sciences 2	MATH 1EL	Math Elective 100 Level			

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MATH154	Introduction to Calculus	MATH 1EL	Math Elective 100 Level	199840		
MATH155	Calc for Life Sciences 2	MATH 1EL	Math Elective 100 Level	199840		
MATH145	Calculus W/Business Apps	MATH 1270	Modern Business Math II	200340		
MATH144	Finite Mathematics	MATH 1260	Modern Business Math I	200340		
MATH142	Intro to Statistics	MATH 2600	Intro to Statistics	199440	200330	
MATH122	College Trigonometry	MATH 1330	Trigonometry	199410		
MATH120	College Algebra	MATH 1320	College Algebra	199240		
MATH105	Intermediate Algebra	MATH 0980	Intermediate Algebra	200040		
MATH142	Intro to Statistics	ISOM 2060	Data Analysis for Business	200040	200230	BU
MATH142	Intro to Statistics	BUAD 2060	Data Analysis for Business	200240		BU

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ME 468	Heat Transfer 2	ZENG 4EL	Engineering Elective 400 Leve	200140		
ME 467	Heat Transfer 1	MIME 3440	Heat Transfer	200140		
ME 464	Fluid Mechanics	MIME 3430 ZENG 4EL	Fluid Mechanics Engineering Elective 400 Leve	200140		
ME 462	Computational Fluid Dyn	ZENG 4EL	Engineering Elective 400 Leve	200140		
ME 442	Manufacturing Systems	MIME 4060	Manufacturing Engineering	200140		
ME 429	Applications in Ctrl Sys	MIME 3390	Mechanics and Vibrations Lab	200140		
ME 419	Control Systems	ZENG 4EL	Engineering Elective 400 Leve	200140		
ME 418	Vibration Analysis	MIME 3370	Vibration & Control	200140		
ME 417	Mech Dsgn of Components	MIME 3320	Mechanical Design II	200140		
ME 411 ME 412 ME 413	Capstone 1 Capstone 2 Capstone 3	MIME 4200	Senior Design Projects	200140		
ME 411 ME 412	Capstone 1 Capstone 2	ZENG 4EL	Engineering Elective 400 Leve	200140		
ME 411 ME 413	Capstone 1 Capstone 3	ZENG 4EL	Engineering Elective 400 Leve	200140		
ME 412 ME 413	Capstone 2 Capstone 3	ZENG 4EL	Engineering Elective 400 Leve	200140		
ME 411	Capstone 1	ZENG 4EL	Engineering Elective 400 Leve	200140		

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Course	Title	Course	Title				
ME 412	Capstone 2	ZENG 4EL	Engineering Elective 400 Level	200140			
ME 413	Capstone 3	ZENG 4EL	Engineering Elective 400 Level	200140			
ME 383	Finite Element Analysis	MIME 4280	CAD - Finite Element Methods	200140			
ME 382	Engineering Analysis	ZENG 3EL	Engineering Elective 300 Level	200140			
ME 380	Speical Topics	ZENG 3EL	Engineering Elective 300 Level	200140			
ME 363	Thermodynamics of Fluids	MIME 3410 ZENG 3EL	Thermodynamics II Engineering Elective 300 Level	200140			
ME 362	Thermodynamics	MIME 3400	Thermodynamics I	200140			
ME 352	Mechanisms	MIME 3300 ZENG 3EL	Design-Analysis of Mech Syste Engineering Elective 300 Level	200140			
ME 341	Manufacturing Processes	MIME 2650	Manufacturing Processes	200140			
ME 319	Adv Strength of Material	ZENG 3EL	Engineering Elective 300 Level	200140			
ME 311	Process of MechancI Dsgn	MIME 3310	Mechanical Design I	200140			
ME 202	Computer Appls & Dsgn	MIME 2000	Statistics and Measurements L	200140			
ME 371	Numerical Methods	MATH 2890	Numerical Methods&Linear Alge	200140		EN	
MGMT330	Principles of Management	MGMT 3EL	Management Elective 300 Level	199640	199830		

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Course	Title	Course	Title			
MUSC100	Music	MUS 2210	Introduction to Music	199440		
MUSC261	Latin & Italian Diction	MUS 2EL	Music Elective Lvl 2000	199440		
MUSC200	Non-Western Music	MUS 2420	Cultures and Music-Non-Wester	199540		
MUSC101	Music for Majors	MUS 1EL	Music Elective Lvl 1000	199440		
MUSC001	Concert & Recital Observation	MUS 1EL	Music Elective Lvl 1000	199440		
MUSC336	Brass Methods	MUS 1530	Brass Class	199440		
MUSC105	Computer Skills for Musicians	ZTEC 1EL	Technical Elective Lvl 1000	200840		
MUSC121	Theory of Music I	MUS 1610	Music Theory and Ear Trng I	199440		
MUSC122	Theory of Music 2	MUS 1620	Music Theory and Ear Trng II			
MUSC123	Theory of Music 3					
MUSC131	Ear Training 1					
MUSC132	Ear Training 2					
MUSC133	Ear Training 3					
MUSC231	Advanced Ear Training I	MUS 2EL	Music Elective Lvl 2000	199440		
MUSC221	Advanced Theory of Music I	MUS 2EL	Music Elective Lvl 2000	199440		
MUSC232	Advanced Ear Training 2	MUS 2EL	Music Elective Lvl 2000	199440		
MUSC463	Marching Band Methods	MUS 3530	Marching Band Techniques	199440		
MUSC339	String Methods	MUS 1500	String Class	199440		
MUSC338	Percussion Methods	MUS 1510	Percussion Class	199440		
MUSC334	Woodwind Methods	MUS 1550	Woodwinds Class	199440		

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Course	Title	Course	Title	Beg Term	End Term	College / Major	
PHBS341	Biochemistry I	CHEM 3510	Biochemistry I	199440			
PHIL102	Great Modern Philosophers	PHIL 1EL	Philosophy Elective 1000 Lvl	199640			
PHIL238	Ethics	PHIL 2400	Contemporary Moral Problems	199640			
PHIL240	Ethics in Professional Life	PHIL 2EL	Philosophy Elective Lvl 2000	200440			
PHIL100	Intro to Philsophy	PHIL 2200	Intro to Philosophy	199440			
PHPR202	The Profession of Pharm	ZFRE 2EL	Free Elective 200 Level	199640	199830		
PHPR201	The Profession of Pharm	ZFRE 2EL	Free Elective 200 Level	199640	199830		
PHPR103	The Prof of Pharmacy III	ZFRE 1EL	Free Elective 100 Level	199740	199830		
PHPR102	The Prof of Pharmacy II	ZFRE 1EL	Free Elective 100 Level	199740	199830		
PHPR101	The Profession of Pharma	PHPR 1000	Orientation	199740	199830		

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Course	Title	Course	Title			
PHYS211	Gen Physics: Mech of Solids	PHYS 2EL	Physics Elec 2000 Lvl	199440		
PHYS234	Physics Lab: Mechanics	ZNSL LAB	Nat Science Lab Elec	199440		
PHYS231	Physics:Mechanics of Sol	PHYS 2130	PHYSICS FOR SCIENCE AND	199440		
PHYS232	Physics:Heat,Sound & Lig	PHYS 2140	ENGIN			
PHYS233	Physics: Electricity & M		PHYSICS FOR SCIENCE AND			
PHYS234	Physics Lab: Mechanics		ENGI			
PHYS235	Physic Lab: Heat, Sound					
PHYS236	Physics Lab: Electricity &Mag	ZNSL LAB	Natural Science Lab Elective	199440		
PHYS213	Gen Physics: Electricity & Ma	PHYS 2EL	Physics Elective Lvl 2000	199440		
PHYS212	Gen Physics: Sound, Heat, & L	PHYS 2EL	Physics Elective Lvl 2000	199440		
PHYS120	Physics with Health Sci Appli	PHYS 1EL	Physics Elective Lvl 1000	199740		
PHYS233	Physics: Electricity & M	PHYS 2140	Physics for Sci & Eng Majors	200040		
PHYS236	Physics Lab: Electricity					
PHYS231	Physics:Mechanics of Sol	PHYS 2130	Physics for Sci & Eng. Majors			
PHYS232	Physics:Heat,Sound & Lig	PHYS 2EL	Physics Elective 200 Level			
PHYS234	Physics Lab: Mechanics					
PHYS235	Physic Lab: Heat, Sound					
PHYS231	Physics:Mechanics of Sol	PHYS 2130	Physics for Sci & Eng. Majors	200040		
PHYS232	Physics:Heat,Sound & Lig	PHYS 2EL	Physics Elective 200 Level			
PHYS234	Physics Lab: Mechanics					
PHYS231	Physics:Mechanics of Sol	PHYS 2130	Physics for Sci & Eng. Majors	200040		
PHYS234	Physics Lab: Mechanics	PHYS 2EL	Physics Elective 200 Level			
PHYS235	Physic Lab: Heat, Sound					

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Course	Title	Course	Title			
PHYS231 PHYS232 PHYS235	Physics:Mechanics of Sol Physics:Heat,Sound & Lig Physic Lab: Heat, Sound	PHYS 2130 PHYS 2EL	Physics for Sci & Eng. Majors Physics Elective 200 Level	200040		
PHYS232 PHYS234 PHYS235	Physics:Heat,Sound & Lig Physics Lab: Mechanics Physic Lab: Heat, Sound	PHYS 2EL	Physics Elective 200 Level	200040		
PHYS231 PHYS234	Physics:Mechanics of Sol Physics Lab: Mechanics	PHYS 2EL	Physics Elective 200 Level	200040		
PHYS231 PHYS232	Physics:Mechanics of Sol Physics:Heat,Sound & Lig	PHYS 2EL	Physics Elective 200 Level	200040		
PHYS231 PHYS235	Physics:Mechanics of Sol Physic Lab: Heat, Sound	PHYS 2EL	Physics Elective 200 Level	200040		
PHYS232 PHYS234	Physics:Heat,Sound & Lig Physics Lab: Mechanics	PHYS 2EL	Physics Elective 200 Level	200040		
PHYS234 PHYS235	Physics Lab: Mechanics Physic Lab: Heat, Sound	PHYS 2EL	Physics Elective 200 Level	200040		
PHYS232 PHYS235	Physics:Heat,Sound & Lig Physic Lab: Heat, Sound	PHYS 2EL	Physics Elective 200 Level	200040		
PHYS231	Physics:Mechanics of Sol	PHYS 2EL	Physics Elective 200 Level	200040		
PHYS234	Physics Lab: Mechanics	PHYS 2EL	Physics Elective 200 Level	200040	200840	
PHYS232	Physics:Heat,Sound & Lig	PHYS 2EL	Physics Elective 200 Level	200040		
PHYS235	Physic Lab: Heat, Sound	PHYS 2EL	Physics Elective 200 Level	199440		
PLSC105	Intro to Political Science	PSC 1EL	Political Sci Elec Lvl 1000	199440		

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Course	Title	Course	Title			
PSYC100	Psychology	PSY 1010	Principles of Psychology	199410		
RELG291	Special Topics in Religion	REL 2EL	Religion Elective Lvl 2000	199440		
RELG264	Buddhism	REL 4500	Buddhist Philosophy	199440		
RELG210	Women in the Bible	REL 2EL	Religion Elective Lvl 2000	199640		
RELG110	Intro to the New Testament	REL 2330	New Testament	199440		
RELG107	Religions East and West	REL 1220	World Religions	199440		
RELG108	Intro to Christianity	REL 2410	Intro to Christian Thought	199440		
RELG105	Religion in Human Life	REL 2200	Introduction to Religion	199440		
SOC 105	Sociology	SOC 1010	Introduction to Sociology	199340		

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Course	Title	Course	Title			
SPAN245	Intermediate Spanish 2	SPAN 2150	Intermediate Spanish II	199440		
SPAN246	Intermediate Spanish 3	ZARS 2EL	Arts & Science Elec Lvl 2000			
SPAN246	Intermediate Spanish 3	SPAN 2EL	Spanish Elective Lvl 2000	199440		
SPAN244	Intermediate Spanish 1	SPAN 2140	Intermediate Spanish I	199440		
SPAN245	Intermediate Spanish 2	ZARS 2EL	Arts & Science Elec Lvl 2000			
SPAN245	Intermediate Spanish 2	SPAN 2EL	Spanish Elective Lvl 2000	199440		
SPAN244	Intermediate Spanish 1	SPAN 2EL	Spanish Elective Lvl 2000	199440		
SPAN141	Elementary Spanish 2	SPAN 1120	Elementary Spanish II	199240		
SPAN142	Elementary Spanish 3	ZARS 1EL	Arts & Science Elec Lvl 1000			
SPAN142	Elementary Spanish 3	SPAN 1EL	Spanish Elective Lvl 1000	199240		
SPAN140	Elementary Spanish 1	SPAN 1110	Elementary Spanish I	199240		
SPAN141	Elementary Spanish 2	ZARS 1EL	Arts & Science Elec Lvl 1000			
SPAN141	Elementary Spanish 2	SPAN 1EL	Spanish Elective Lvl 1000	199240		
SPAN140	Elementary Spanish 1	SPAN 1EL	Spanish Elective Lvl 1000	199240		
SPAN342	Adv Spanish Language Study	SPAN 3000	Spanish Grammar	199440		
SPAN370	Spanish Conversation	SPAN 3010	Conversation and Comp I	200540		
SPAN372	Spanish Composition	SPAN 3020	Conversation and Comp II-WAC			
STAT156	Stats for Professionals I	MATH 2600	Intro to Statistics	200240		
STAT256	Stats for Professionals 2	MATH 2EL	Math Elective Lvl 2000	200240		
STAT142	Intro to Statistics	MATH 2600	Intro to Statistics	199740		

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Course	Title	Course	Title	Beg Term	End Term	College / Major
TECH139	Intro to Information Systems	CMPT 1100	Microsoft Office Applications	200140		

Report Parameters

Source ID: 1591

Report Description: This report displays courses from a source institution and their corresponding University of Toledo equivalents. The user specifies the source institution's ID number.

Report Author: Brian Skelding, WTA