

# OAKLAND COMMUNITY COLLEGE TRANSFER GUIDE

## COLLEGE OF LIBERAL ARTS AND EDUCATION

### CYBERSECURITY/INFORMATION SYSTEMS – NEW CORE

This guide reflects the New Core Curriculum effective Fall 2017. Transfer students starting at Detroit Mercy between Fall 2017 and Summer 2021 will have the option to select this New Core or the Old Core. See Transfer Guides indicating “OLD CORE” for prior Core requirements.

The following courses will transfer into Detroit Mercy’s Cybersecurity/Information Systems program. Students may transfer a maximum of 63 credits toward a Bachelor’s Degree; course grades must be a C or better. Additional courses not on this guide may also transfer.

Contact the Transfer Team if you have any questions: [transferteam@udmercy.edu](mailto:transferteam@udmercy.edu) or 313-993-1940.

#### Entrance Requirements:

- Minimum 2.00 GPA based on 24 or more credits earned at OCC (and/or other accredited institutions).
- If less than 24 credits have been earned, a student’s high school transcript is required.
- Apply for admission to Detroit Mercy at [udmercy.edu/admission/apply](http://udmercy.edu/admission/apply); the application is free.

Oakland Community College Courses	Detroit Mercy Equivalencies
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#### Core Knowledge Area A: Communication Skills

<b>COM</b> 1600 Fundamentals of Speech	CST 1010 Fundamentals of Speech	A1
<b>ENG</b> 1520 Composition II	ENL 1310 Academic Writing	A2

#### Core Knowledge Area B: Mathematics/Statistical Knowledge

<b>MAT</b> 1150 Intermediate Algebra	MTH 1010 Algebra	B1
<b>MAT</b> 1580 Statistics	STA 2250 Statistics	B2

#### Core Knowledge Area C: Scientific Knowledge

<b>BIO</b> 1500, 1511, 1530, 1560, 1600, 2540, 2630, 2640; <b>CHE</b> 1000, 1320, 1510, 1520; <b>FSN</b> 1500; <b>GEO</b> 1510; <b>GSC</b> 1530, 1580, 1590, 1620; <b>PHY</b> 1031, 1610, 1620, 2400, 2500; <b>PSC</b> 1560	Choose 1 Physical Sciences course	C1
<b>ANT</b> 1520, 1540; <b>ECO</b> 2610, 2620; <b>GEO</b> 1520; <b>PLG</b> 2100; <b>POL</b> 1510, 2530, 2610; <b>PSY</b> 2510, 2630, 2740, 2910; <b>SOC</b> 2510, 2520, 2530, 2560, 2570	Choose 1 Social Sciences course	C2

#### Core Knowledge Area D: Religious and Philosophical Knowledge

<b>PHI</b> 1510 Introduction to Philosophy	PHL 1000 Introduction to Philosophy	D1
<b>HUM</b> 1710, 2720	Choose 1 Religious Knowledge course	D2
<b>HUM</b> 1710, 2720; <b>PHI</b> 1520, 1710, 2710	Choose 1 PHL/RELS Elective course	D3

#### Core Knowledge Area E: Essential Humanities

<b>HIS</b> 1510, 1520, 1550, 2510, 2520, 2610, 2620	Choose 1 Historical Experiences course	E1
<b>ENG</b> 1610, 1710, 1720, 2510-2570, 2750-2770	Choose 1 Literary Experiences course	E2
<b>ART</b> 1540, 1560, 2240, 2250, 2600; <b>FSH</b> 1500; <b>HUM</b> 1510, 1520, 1900, 2100-2109, 2900; <b>MUS</b> 1560, 1585, 1590; <b>PHO</b> 1550; <b>THE</b> 1561, 1571	Choose 1 Aesthetic Experiences course	E3

#### Core Knowledge Area F: Ethics and Social Responsibility

<b>MDA</b> 1350; <b>PHIL</b> 1610	Choose 1 Ethics course	F1
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Highlighted courses within the Knowledge Areas also fulfill an Integrating Theme (IT) requirement; see IT options.

**MTA Students only:** Transfer students who satisfy the **Michigan Transfer Agreement** (MTA) will have the Core Knowledge Area requirements met. Fulfilling the Core Integrating Themes is still necessary. Students should select courses that meet both the MTA and program specific requirements.

Oakland Community College Courses	Detroit Mercy Equivalencies
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**Core Integrating Theme 1: Reading, Writing and Research Across the Curriculum**

ENG 2200	Professional Communication	ENL 3030	Technical Writing	IT1
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**Choose 1 Core Integrating Theme 2: Critical Thinking**

BUS 2030	Business Law I	BUS 2310	Business Law	IT2
HIS 2520	US History 1877 to Present	HIS 2510	United States Since 1877	IT2
PHI 1710	Introduction to Informal Logic	PHL 1500	Introduction to Logic	IT2
PHY 2400	Engineering Physics I	PHY 1600	General Physics I <b>and</b>	IT2
		PHY 1610	General Physics Lab I	

**Choose 1 Core Integrating Theme 3: Cultural Diversity**

<b>ANT 1540, 2750; ARB 1510, 1530; CHI 1510; COM 2290; FRE 1510, 1530, 2610, 2620; GEO 1520; GER 1510, 1530; HIS 1520, 2610, 2620; ITA 1510, 1530; JPN 1510, 1530, 2610, 2620; POL 2610; SLI 1000, 1010-1045, 1501; SOC 2530; SPA 1510, 1530, 2610, 2620</b>	Choose 1 Cultural Diversity course	IT3
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**Choose 1 Core Integrating Theme 4: Human Difference**

ENG 2570	Survey African American Literature	ENL 2850	African American Literature	IT4
GEO 1520	World Geography	GEO 2110	World Regional Geography	IT4
HIS 2610	African American History to 1877	HIS 3480	African American History	IT4
HIS 2620	African American History to Present	HIS 3480	African American History	IT4
PSY 2740	Human Dev Across the Lifespan	PYC 2500	Developmental Psychology	IT4

**Core Integrating Themes 5 & 6: Personal Spiritual Development and Spirituality/Social Justice**

Must be taken at Detroit Mercy	Detroit Mercy has many options; some will fulfill both IT5 and IT6	IT5 & 6
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These courses fulfill requirements for Detroit Mercy's Cybersecurity/Information Systems program:

Oakland Community College Courses			Detroit Mercy Equivalencies	
CIS 1200	Introduction to Database Systems	CIS 4560	Database Design *	
CIS 1300	Networking Concepts	CIS 4570	Networks *	
CIS 1500	Intro to Programming (Java) <b>OR</b>	CIS 4060	Software Requirements and Design *	
CIS 2111	Systems Analysis & Design (UML)			
CIS 1600	Fundamentals of Cybersecurity	CIS 1010	Foundations of Cybersecurity	
CIS 2212	Project Management	CIS 4505	Software Project Management *	
CIS 2838	System Security	CIS 4850	Information Assurance Risk Management *	
CIS 2845	Computer Forensics	CIS 4450	Introduction to Digital Forensics *	
ENG 2200	Professional Communication	ENL 3030	Technical Writing	
<b>CIS elective course for the major:</b>				
CIS 2252	Object-Oriented Program (C++)	CSSE 1710/1711	Intro to Programming I and Lab	



\*Courses designated by the United States National Security Agency Critical Infrastructure Protection Board Committee on National Security Systems for Information Assurance Center of Excellence Certification.