



ASSOCIATE OF ARTS TO BACHELOR OF ARTS IN PHYSICS

SUGGESTED SEQUENCE AT CUYAHOGA COMMUNITY COLLEGE		
Semester One	15-16 Credits	KSU Equivalent
ENG 1010/101H College Composition I	3	ENG 11011 (KCP1)
TAG Foreign Language	3-4	Several options available
OTM Social/Behavioral Science Elective	3	(KSS)
General Elective	3	Several options available
MATH 1540 Trigonometry	3	MATH 11022 (KMCR)
Semester Two	17-18 Credits	KSU Equivalent
ENG 1020 /102H College Composition II [^] or ENG 2151 Technical Writing	3	ENG 21011 (KCP2) or ENG 2002 (KCP2)
TAG Foreign Language	3-4	Several options available
OTM Arts/Humanities Elective**	3	(KHUM/KFA)
MATH 1610 Calculus I	5	MATH 12002 (KMCR)
OTM Arts/Humanities Elective**	3	(KHUM/KFA)
Semester Three	16 Credits	KSU Equivalent
COMM 1010/101H Fundamentals of Speech	3	COMM 15000 (KADL)
MATH 1620 Calculus II	5	MATH 12003 (KMCR)
PHYS 2310 General Physics I	5	PHY 23101 (KBS, KLAB)
OTM Social/Behavioral Elective	3	(KSS)
Semester Four	14 Credits	KSU Equivalent
PHYS 2320 General Physics II	5	PHY 23102 (KBS, KLAB)
General Elective	3	Several options available
OTM Arts/Humanities Elective**	3	(KHUM/KFA)
OTM Social/Behavioral Elective	3	(KSS)
62-64 TOTAL CREDIT HOURS TO COMPLETE AA FROM CUYAHOGA COMMUNITY COLLEGE		

SUGGESTED SEQUENCE AT KENT STATE UNIVERSITY	
Semester Five	14 Credits
PHY 12000 Introductory Physics Seminar (ELR)	1
MATH 32051 Math Methods in Physical Sciences I	4
Foreign Language	3
College General Requirement***	3
College General Requirement****	3
Semester Six	15 Credits
MATH 32052 Math Methods in Physical Sciences II	4
Foreign Language	3
PHY 36001 Introductory Modern Physics	3
General Elective - Upper Division	5
Semester Seven	15 Credits
PHY 30020 Intermediate Physics Lab (WIC)*	2
PHY 35101 Classical Mechanics	4
PHY 36002 Applications of Modern Physics	3
PHY 45201 Electromagnetic Theory	4
General Electives - Upper Division	2
Semester Eight	16 Credits
PHY 40020 Advanced Physics Lab (WIC)*	2
Physics Electives - Upper Division	8
General Electives - (1 credit must be Upper Division)	6
122-124 TOTAL CREDIT HOURS TO COMPLETE BA FROM KSU, INCLUDING TRANSFER COURSEWORK	

OTM refers to the Ohio Transfer Module. See the list of approved courses from ODHE.

*A minimum C grade must be earned to fulfill the writing-intensive requirement.

** Minimum one course must be selected from the Humanities in Arts and Sciences area, and minimum one course must be selected from the Fine Arts area. Please consult the [Transfer Credit Guide](#).

*** 3 hours of College General Requirement (must be from Kent Core Basic Sciences). The course may not be from the student's major.

**** 3 hours of College General Requirement (must be from Kent Core Social Sciences) The course may not be from the student's major.

[^] ENG 1020 /102H College Composition II is recommended in preparation for Writing Intensive Course (WIC).

This Transfer Pathway completes the Associate of Arts degree, which must total at least 60 semester credits and includes 36-40 credits of the Ohio Transfer Module (OTM), which are approved Tri-C general education requirements. OTM details can be found at <https://www.ohiohighered.org/transfer/transfermodule>.

The following courses may not count towards the Physics major requirements:

PHY 11030 Seven Ideas That Shook the Universe (KBS)

PHY 2104 Physics in Entertainment and The Arts (KBS)

PHY 21041 Physics in Entertainment and The Arts Laboratory (KBS) (KLAB)

PHY 21430 Frontiers in Astronomy (KBS)

PHY 21431 Frontiers in Astronomy Laboratory (KBS) (KLAB)

Requirements to graduate with the BA degree program: To graduate, students must have minimum 120 credit hours, 42 upper-division credits hours of coursework, a minimum 2.00 major GPA and minimum 2.00 cumulative GPA. They must also fulfill an approved experiential learning experience, a two-course diversity requirement (domestic and global), complete a writing intensive course with a minimum C (2.000) grade. Please be aware of Kent State's residence policy, which can be found in the Kent State University Catalog. More specific graduation requirement information can be found in the Academic Policies section of the Kent State University Catalog (www.kent.edu/catalog).

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Cuyahoga County Community College

Campus Counseling Center

www.tri-c.edu/counseling-center

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