

University of Cambridge International Examinations
 GCE Advanced Subsidiary Level and GCE Advanced Level
 For Students Entering Summer 2021 or Subsequent

Virginia Tech Course Equivalent
 A maximum of 38 credit hours may be awarded

Cambridge GCE Exam	CIE Grade Scale	VT Grade Scale	VT Course Equivalent	VT Course Name	Credits	Pathways Concept(s)
Accounting A	A – E	A-C	ACIS 2115	Principles of Accounting	3	
Accounting AS	A – E	A-C	VT 1XXX	Virginia Tech Elective	3	
Arabic A	A – E	A-C	ARBC 2XXX ARBC 2XXX	Arabic Elective Arabic Elective	3 3	
Arabic AS	A – E	A-C	ARBC 2XXX	Arabic Elective	3	
Art & Design A	A – E	A-C	ART 2XXX	ART Elective	6	
Art & Design AS	A – E	A-C	ART 2XXX	ART Elective	3	
Biology A	A – E	A-C	BIOL 1105,1115, 1106, 1116	Principles of Biology + lab	8	4 (6 credits, no labs)
Biology AS	A – E	A-C	VT 1XXX	Virginia Tech Elective	3	
Business A	A – E	A-C	VT 2XXX VT 2XXX	Virginia Tech Elective Virginia Tech Elective	3 3	
Business AS	A – E	A-C	VT 2XXX	Virginia Tech Elective	3	
Chemistry A	A – E	A-C	CHEM 1035, 1045, 1036, 1046	General Chemistry + lab	8	4
Chemistry AS	A – E	A-C	VT 1XXX	Virginia Tech Elective	3	
Classical Studies A	A – E	A-C	RLCL 1134 + RLCL 1XXX	Ancient Mediterranean World + RLCL Elective	6	2 (3 credits)
Classical Studies AS	A – E	A-C	RLCL 1XXX	RLCL Elective	3	
Computer Science A	A – E	A-C	CS 1XXX	CS Elective	3	
Computer Science AS	A – E	A-C	CS 1XXX	CS Elective	3	
Design & Technology A	A – E	A-C	VT 1XXX	Virginia Tech Elective	3	
Design & Technology AS	A – E	A-C	VT 1XXX	Virginia Tech Elective	3	

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Economics A	A – E	A-C	ECON 2005 & ECON 2006	Principles of Economics	6	3
Economics AS	A – E	A-C	ECON 1XXX	ECON Elective	3	
English Language A	A – E	A-C	ENGL 1105	First Year Writing	3	1f
English Language AS	A – E	A-C	ENGL 1105	First Year Writing	3	1f
English Literature A	A – E	A-C	ENGL 2XXX	ENGL Elective	6	
English Literature AS	A – E	A-C	ENGL 2XXX	ENGL Elective	3	
English Language and Lit AS	A – E	A-C	ENGL 2XXX	ENGL Elective	3	
Environmental Management AS	A – E	A-C	ENSC 1015	Foundation Environmental Science	3	4
Food Studies A	A – E	A-C	FST 2014 + FST 1XXX	Intro to Food Science + FST Elective	6	
Food Studies AS	A – E	A-C	FST 2014	Intro to Food Science	3	
French A	A – E	A-C	FR 2XXX	FR Elective	6	
French AS	A – E	A-C	FR 2XXX	FR Elective	3	
Further Mathematics A	A - C	A-B	MATH 1225 + 1226 + 2114	Calculus Single Variable + Calculus Single Variable + Intro Linear Algebra	11	5f (8 credits)
Further Mathematics A	D-E	C	MATH 1225 + MATH 1026	Calculus Single Variable, Elementary Calculus	7	5f
Further Mathematics AS	A – E	A-C	VT 1XXX	Virginia Tech Elective	3	
General Paper AS	A – E	A-C	ENGL 1105	First Year Writing	3	1f

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Geography A	A – E	A-C	GEOG 1004 & GEOG 1104	Human Geography + Physical Geography	6	3 (3 credits)
Geography AS	A – E	A-C	GEOG 1XXX	GEOG Elective	3	
German A	A - E	A-C	GER 2XXX GER 2XXX	German Elective German Elective	3 3	
German AS	A – E	A-C	GER 2XXX	German Elective	3	
Global Perspective A	A – E	A-C	IS 1XXX	IS Elective	6	
Global Perspective AS	A – E	A-C	IS 1XXX	IS Elective	3	
History A	A – E	A-C	HIST 1XXX	HIST Elective	6	
History AS	A – E	A-C	HIST 1XXX	HIST Elective	3	
Mathematics A	A - C	A-B	MATH 1225 + MATH 1226	Calculus Single Variable + Calculus Single Variable	8	5f
Mathematics A	D-E	C	MATH 1225 + MATH 1026 ¹ (Non STEM majors only)	Calculus Single Variable + Elementary Calculus	7	5f
Mathematics AS	A – E	A-C	VT 1XXX	Virginia Tech Elective	3	
Physics A	A - C	A-B	PHYS 2205, 2215, 2206, and 2216	General Physics + Lab	8	4
Physics A	D-E	C	PHYS 2XXX	Physics Elective	3	
Physics AS	A – E	A-C	VT 1XXX	Virginia Tech Elective	3	
Psychology A	A – E	A-C	PSYC 1004 + PSYC 2XXX	Introductory Psychology + PSYC Elective	6	3 (3 credits)
Psychology AS	A – E	A-C	PSYC 2XXX	PSYC Elective	3	

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Sociology A	A – E	A-C	SOC 1004	Introductory Sociology	3	3 AND 7
Sociology AS	A – E	A-C	SOC 1004	Introductory sociology	3	3 AND 7
Spanish A	A – E	A-C	SPAN 2XXX	SPAN Elective	6	
Spanish AS	A – E	A-C	SPAN 2XXX	SPAN Elective	3	
Thinking Skills A	A – E	A-C	PHIL 1XXX	PHIL Elective	6	
Thinking Skills AS	A – E	A-C	PHIL 1XXX	PHIL Elective	3	

¹ Business students will not receive MATH 1026 credit.

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