
Terminology Guide

Course Information

The number assigned to each course is the key to the level at which it is taught. SUNY Cortland uses the following numbering system to define the course numbers and section numbers.

COURSE NUMBERS

100-199 courses generally designed for freshmen but may be appropriate for sophomores, usually an introductory or first course taught in a sequence within a discipline.

200-299 courses generally designed for sophomores but may be appropriate for freshmen, usually advancing in a progression as a second course which may require previous knowledge or training.

300-399 courses generally designed for juniors and seniors, but may also be appropriate for sophomores. Prerequisites are often required for this course level.

400-499 courses generally designed for juniors and seniors advancing well into upper division work with prerequisite knowledge base required.

500-599 courses are considered graduate courses but are designed for both graduate and highly motivated undergraduate students. This level of course work is open to juniors and seniors in good academic standing (cumulative grade point average of 2.0). Certain 500-level courses are for graduate students only.

600-699 courses designed **exclusively at the graduate level for graduate students only**.

SECTION NUMBERS

A number following the course prefix and course number used to identify a specific day, time, location and instructor for a course.

000-009 section numbers indicate that the course has no restrictions and is open to all students.

010, 020, 030, 040 section numbers generally indicate a quarter course. The middle digit represents the quarter.

090 section numbers indicate that the course is a Mohawk Valley graduate course.

200-299 section numbers indicate that the course is paired with another course. Both courses must be taken together.

300-399 section numbers indicate that the course may have a special prerequisite.

500-599 section numbers require special permission from the chair of the department offering the course.

600-699 section numbers are for that department's majors only or may be reserved for a special population or cohort of students.

700-799 section numbers are reserved for students not in the major department.

800-899 section numbers indicate courses that are a part of a "learning community" or special student cohort program.

PREREQUISITES

Most courses beyond the introductory level require a degree of knowledge or preparation described by the prerequisites for the course. At SUNY Cortland the prerequisites indicate the level of preparation normally required for the course. In appropriate circumstances prerequisites may be waived. An equivalent course or courses taken elsewhere suffice, but questions regarding equivalency should be referred to the department offering the course.

Students who believe that courses they have taken meet the equivalency requirements may seek the consent of the chair of the department to waive the course prerequisites. When the phrase "consent of department" is used, permission from the department chair is required before the student may enroll in the course.

FREQUENCY OF COURSE OFFERINGS

Courses described in this catalog are offered according to the frequency code schedule listed below. The identifying code appears in the course description.

State University of New York College at Cortland reserves the right to cancel the offering of a scheduled course when any of these conditions prevail:

1. Enrollment in the course is fewer than 10 persons. In cases where the cancelled course is a graduation requirement for any of those enrolled in it, SUNY Cortland will afford affected students an alternative method of meeting the requirement.
2. Because of a temporary vacancy no qualified instructor is available to teach the course.
3. The cancellation is early enough to permit students to register in another course.

Courses to be offered in a particular semester are listed on the registrar's home page at www.cortland.edu/registrar on the Web. The schedule of course offerings for the fall semester is available in mid-March, and the schedule of course offerings for the spring semester is available in mid-October.

FREQUENCY CODES

- A = Every semester
- B = At least once per year
- C = At least once every two years
- F = Fall
- M = Summer
- O = Occasionally
- S = Spring
- W = Winter

Course Prefixes

PREFIX	TITLE	DEPARTMENT OR PROGRAM CENTER	PREFIX	TITLE	DEPARTMENT OR PROGRAM CENTER
AAS	African American Studies	African American Studies	FSA	Foundations and Social Advocacy	Foundations and Social Advocacy
AED	Adolescence Education	Teacher Certification Programs in Related Disciplines	GER	German	International Communications and Culture
AFS	Air Force – ROTC	ROTC at Cornell University	GLY	Geology	Geology
ANT	Anthropology	Sociology-Anthropology	GRY	Geography	Geography
ASL	American Sign Language	International Communications and Culture	GRT	Gerontology	Sociology/Anthropology
AST	Asian Studies	Interdisciplinary	HIS	History	History
ATH	Art History	Art and Art History	HLH	Health	Health
ATR	Athletic Training	Exercise Science and Sport Studies	HUS	Human Services	Sociology/Anthropology
ATS	Studio Art	Art and Art History	ICC	International Communications and Culture	International Communications and Culture
ATT	Art Theory	Art and Art History	INT	Interdisciplinary Studies	Interdisciplinary Program
BIO	Biology	Biological Sciences	IST	International Studies	International Studies
BMS	Biomedical Sciences	Biological Sciences	JST	Jewish Studies	Jewish Studies
CAP	Computer Applications	Computer Applications	LIT	Literacy	Literacy
CHE	Chemistry	Chemistry	MAT	Mathematics	Mathematics
CHI	Chinese	International Communications and Culture	MCS	Computer Science	Mathematics
CIN	Cinema Study	Cinema Study	MGS	Multicultural and Gender Studies	Interdisciplinary Program
COM	Communication Studies	Communication Studies	MGT	Management	Economics
CON	Conservation Biology	Biological Sciences	MLS	Military Science – ROTC	ROTC at Cornell University
COR	Cortland Experience	First-Year Experience	MUS	Music	Performing Arts
CPN	Composition	English/Composition	PED	Physical Education	Physical Education
CPV	Cooperative Education	Interdisciplinary/Field Studies	PHI	Philosophy	Philosophy
CRM	Criminology	Sociology/Anthropology	PHY	Physics	Physics
DNC	Dance	Performing Arts	POL	Political Science	Political Science
ECE	Early Childhood Education	Childhood/Early Childhood Education	PSY	Psychology	Psychology
ECO	Economics	Economics	REC	Recreation	Recreation and Leisure Studies
EDA	Education Administration	Educational Leadership	RLS	Religious Studies	Interdisciplinary
EDL	Education Leadership	Educational Leadership	SAB	Study Abroad	Study Abroad, International Programs
EDU	Education	Childhood/Early Childhood Education	SCI	Science, General	Science, General
		Educational Leadership	SHH	Speech Hearing-Handicapped	Speech Pathology and Audiology
		Foundations and Social Advocacy	SOC	Sociology	Sociology/Anthropology
ENG	English	English	SPA	Spanish	International Communications and Culture
ENS	Environmental Science	Environmental Science/Biology	SPE	Special Education	Foundations and Social Advocacy
ESL	English as a Second Language	International Communications and Culture	SPM	Sport Management	Exercise Science and Sport Studies
EST	Environmental Studies	Environmental Studies	SSS	Secondary Social Studies	Secondary Social Studies/History
EXS	Exercise Science	Exercise Science and Sport Studies	THT	Theatre	Performing Arts
FLT	Foreign Literature in Translation	International Communications and Culture	VAL	Values	Economics, Philosophy
FRE	French	International Communications and Culture	WRM	Water Resources Management	Interdisciplinary
			WST	Women's Studies	Women's Studies

Major, Minors, Concentrations, Approved Programs of Study and HEGIS Codes

A major is an approved program of study leading to a bachelor of arts (B.A.), bachelor of science (B.S.), or bachelor of science in education (B.S.Ed.). Majors require a minimum of 30 credit hours of discipline-specific courses. Majors must have a minimum of 15 credit hours of discipline-specific courses at the 300 level or above). Majors are described in detail later in this catalog.

A **minor** is an approved program of study, not leading to a degree, in an area outside the major. A minor comprises a minimum of 15 credit hours; half of these credit hours must be taken at SUNY Cortland. A student cannot minor in the same area as the major or concentration. Likewise, a student cannot earn a concentration in the same area as the minor. Minors are described in detail later in this catalog.

A **concentration** is an approved program of study that provides a particular set of options within a given major or minor. Concentrations may be embedded in the major, i.e., the 30-hour minimum may comprise core courses plus concentration courses, or added to the major, i.e., the 30-hour minimum may comprise core courses only and the concentration is added. A concentration must have a minimum of 12 hours that are unique to the concentration and distinct from the major requirements. Half of

the credit hours in the concentration must be taken at SUNY Cortland. A student cannot earn a minor in the same area as the major or concentration. Likewise, a student cannot earn a concentration in the same area as the minor.

Approved programs of study are those approved by the College's provost and vice president for academic affairs, the College's president, and the New York State Education Department and adopted by SUNY Cortland according to the procedures for curriculum change in effect at the time of approval.

Majors, minors and concentrations are not listed on diplomas but are recorded on official College transcripts.

Students may graduate under any catalog in effect during the period of their enrollment, providing they have not interrupted such enrollment and all requirements listed in the catalog have been met. A change of major, adding a minor or concentration may result in a change of catalog term and additional required course work for the new major and/or the need to meet certain grade point criteria as determined by the new department's published requirements at the time of the change of major.

Note: An official leave of absence is not considered an interruption in enrollment.

Undergraduate Program Codes

PROGRAM AND MAJOR	DEGREE	MAJOR CODE	HEGIS CODE
AFRICAN AMERICAN STUDIES concentration: Sociological, Political and Community Development concentration: African and African-American History	B.A. and minor	AAS_AASC AAS_AASH	2211
ANTHROPOLOGY concentration: Applied Anthropology concentration: Americas Archaeology concentration: World Archaeology concentration: Ethnic Studies minor: Archaeology	B.A. and minor minor	ANT ANT_APPL ANT_AARC ANT_WARC ANT_ETHS ARC	2202
ART concentration: Art History concentration: Studio Art New Media Design	B.A. and minor	ART_ARTH ART_ARTS	1002
ASIAN STUDIES	B.A. minor	NMD ASIA	1009
ATHLETIC TRAINING	B.S.	ATR	1299.30
BIOLOGY concentration: Environmental Science Adolescence Education: Biology (7-12) Biomedical Sciences Conservation Biology	B.A./B.S. and minor	BIO BIO_ENVS	0401
CHEMISTRY concentration: Environmental Science Adolescence Education: Chemistry (7-12) Chemistry/Engineering (3+2)	B.A./B.S. B.S. B.A./B.S.	ABI BMS CON	0401.01 0499 0420
CINEMA STUDY	B.A./B.S. and minor	CHE CHE_ENVS	1905
	B.A./B.S. B.S.	ACH CEN	1905.01 1905
	minor	CIN	1010

Undergraduate Program Codes

PROGRAM AND MAJOR	DEGREE	MAJOR CODE	HEGIS CODE
ENGLISH	B.A. and minor	ENG	1501
Adolescence Education: English (7-12)	B.A.	AEE/AEN	1501.01
minor w/ concentration: Literature and Writing	minor	ENLW	
minor w/ concentration: Language and Literature	minor	ENLL	
minor w/ concentration: Literature	minor	ENL	
Professional Writing	B.A. and minor	PWRT	1599
ENVIRONMENTAL AND OUTDOOR EDUCATION	minor	EOE	
track: Environmental Education Interpretation		EOEE	
track: Organized Camping		EOEC	
track: Outdoor Pursuits		EOEO	
ENVIRONMENTAL STUDIES: SUNY CORTLAND-BIOLOGY/DUKE	B.S.	BIO_ENS	0401
EXERCISE SCIENCE AND SPORT STUDIES	minor	EXSC	
minor: Exercise Science	B.S.		0835
Kinesiology		KIN_EXSC	
concentration: Exercise Science		KIN_SPST	
concentration: Sport Studies		FIT	0835
Kinesiology: Fitness Development	B.S.		
FRENCH	B.A. and minor	FRE	1102
Adolescence Education: French (7-12)		AFR	1102.01
GEOGRAPHY	B.A./B.S. and minor	GRY	2206
concentration: Geographic Information Systems	B.S.	GRY_GIS	
concentration: Tourism Development	B.A. and minor	TOUR	
Geographic Information Systems	B.S.	GIS	2206
concentration: Computer Techniques		GIS_CTEC	
concentration: Demographics and Business Geographics		GIS_DBG	
concentration: Environmental Science		GIS_ENVS	
GEOLOGY	B.A./B.S. and minor	GLY	1914
concentration: Environmental Science		GLY_ENVS	
concentration: Water Resources		GLY_WRES	
Adolescence Education: Earth Science (7-12)	B.A./B.S.	AES	1914.01
HEALTH	B.S.Ed	HEC	0837
Health Education: (K-12) Certification	B.S.Ed	HEC_CHPP	
concentration: College Health Promotion and Prevention Services		HEC_HCOM	
concentration: Health Communication		HEC_WELL	
concentration: Wellness and Health Promotion		HSC	1299
Health Science	B.S.	HSC_ADMN	
concentration: Administration and Planning		HSC_ALLH	
concentration: Allied Health		HSC_CHPP	
concentration: College Health Promotion and Prevention Services		HSC_COMH	
concentration: Community Health Education		HSC_ENVH	
concentration: Environmental Health		HSC_HCOM	
concentration: Health Communication		HSC_WELL	
concentration: Wellness/Health Promotion			
HISTORY	B.A. and minor	HIS	2205
HUMAN SERVICE STUDIES	B.A./B.S.	HUS	2101
INDIVIDUALIZED DEGREE PROGRAM	B.A./B.S.	IDP	4901
INTERNATIONAL STUDIES	B.A. and minor		2210
concentration: Africa		IST_AFRI	
concentration: Asia		IST_ASIA	
concentration: Culture and Globalism		IST_CGLO	
concentration: Europe		IST_EURO	
concentration: Geography		IST_GRY	
concentration: Global Economic Systems		IST_GES	
concentration: Global Political Systems		IST_GPS	
concentration: Historical Development		IST_HDEV	
concentration: Individualized Option		IST_IDCO	
concentration: International Health		IST_IHLH	
concentration: Latin America		IST_LATA	
concentration: Women's Studies		IST_WST	
JEWISH STUDIES	minor	JST	
LATINO/LATIN AMERICAN STUDIES	minor	LLAS	

Undergraduate Program Codes

PROGRAM AND MAJOR	DEGREE	MAJOR CODE	HEGIS CODE
MATHEMATICS	B.A./B.S. and minor	MAT	1701
Adolescence Education: Math (7-12)		AEM	1701.01
Adolescent Education: Physics and Mathematics (7-12)		APM	1799
MUSIC	minor	MUS	
MUSICAL THEATRE	B.A.	MUTH	1099
minor: American Musical Theatre	minor	AMTH	
NATIVE AMERICAN STUDIES	minor	NAMS	
PHYSICAL EDUCATION	B.S.Ed	PEC	0835
Physical Education (K-12) Certification	B.A./B.S. and minor	PHY	1902
PHYSICS		PHY_ENVS	
concentration: Environmental Science		PHY_GEOP	
concentration: Geophysics		APH	1902.01
Adolescence Education: Physics (7-12)		APM	1902.01
Adolescence Education: Physics and Mathematics (7-12)		PEN	1902
Physics and Engineering (3+2)	B.S. only	PEN	1902
POLITICAL SCIENCE	B.A. and minor	POL	2207
concentration: Comparative and International Politics		POL_CINP	
concentration: Environmental Policy		POL_ENVP	
concentration: Law and Justice		POL_LAJU	
concentration: Public Administration and Policy	minor	POL_PADM	
PRE-MAJOR		PRE	
PSYCHOLOGY	B.A./B.S. and minor	PSY	2001
minor: Psychology of the Exceptional Child	minor	PSYX	
RECREATION	B.S.	REC	2103
concentration: Leisure/Recreation Program Delivery		REC_LRPD	
concentration: Management of Leisure Services		REC_MGLS	
concentration: Outdoor Recreation Management and Education		REC_ORMC	
emphasis: Camp Management		REC_ORMI	
emphasis: Environmental and Cultural Interpretation		REC_ORMN	
emphasis: Natural Resource Recreation Management		REC_ORMO	
emphasis: Outdoor Leadership		REC_TR	
concentration: Therapeutic Recreation	B.A. and minor	SPHI	1509
SOCIAL PHILOSOPHY			
SOCIAL STUDIES		SSA/SST	2201.01
Adolescence Education: Social Studies (7-12)			
Program requires a second major:			
second major: African American Studies	B.A.	SSA/SST_AAS	
second major: Anthropology	B.A.	SSA/SST_ANT	
second major: Economics	B.A.	SSA/SST_ECO	
second major: Geography	B.A..	SSA/SST_GRY	
second major: History	B.A.	SSA/SST_HIS	
second major: International Studies	B.A.	SSA/SST_IST	
second major: Political Science	B.A.	SSA/SST_POL	
second major: Sociology	B.A.	SSA/SST_SOC	
SOCIOLOGY	B.A. and minor	SOC	2208
concentration: Criminology		SOC_CRIM	
concentration: Social Gerontology		SOC_SGRT	
minor: Social Gerontology	minor	SGRT	
SPANISH	B.A. and minor	SPA	1105
Adolescence Education: Spanish (7-12)		ASP	1105.01
SPEECH PATHOLOGY AND AUDIOLOGY			
Speech and Hearing Science (non-certification)	B.S. and minor	SHS	1220
Speech and Language Disabilities	B.S.	SLD	0815
SPORT MANAGEMENT	B.A./B.S. and minor	SPMG	0599
THEATRE	minor	THT	
URBAN STUDIES	minor	URB	
WOMEN'S STUDIES	minor	WST	

SUNY Cortland Teacher Certification Exam Pass-Rates

All graduates of teacher preparation programs must pass a New York State teacher certification exam in order to be granted Initial Certification in Teacher Education to teach in New York State. The following table presents the pass rates by 2003 SUNY Cortland graduates on the New York State Teacher Certification Examination (NYSTCE).

Professional Knowledge/Pedagogy is assessed by the NYSTCE Assessment of Teaching Skills-Written (ATS-W).

Content Knowledge is assessed by the NYSTCE Liberal Arts and Sciences Test (LAST).

SUNY Cortland's pass rates for these exams are among the highest in New York. Cortland graduates more students in teacher education programs — 819 in 2002-2003 — than any other public college or university in the state. Cortland is second largest in the entire Middle States and northeast region in granting teacher education degrees (*Source: New York State Teacher Certification Examinations Annual Institution Report*).

SUNY Cortland has the largest comprehensive teacher education program in New York and the 19th largest among public institutions in the United States. The exceptional pass rates by Cortland graduates on the state exams demonstrates that the College has maintained the highest standards while attracting large numbers of students to the outstanding teacher education programs.

The College's traditional programs in childhood and physical education are long standing and highly recognized throughout the nation. Through its conceptual framework and placement of student teachers, SUNY Cortland is committed to preparing teachers to meet statewide demands within urban and rural areas.

SUNY Cortland's faculty includes a leading national expert on character education, Thomas Lickona, who directs the campus-based Center for 4th and 5th Rs (Respect and Responsibility). For the past ten years, the Center has offered Character Education Institutes to teams of school personnel from more than 30 states and 10 countries.

Within SUNY, Cortland is the only college or university that provides disabilities education in five distinct areas: therapeutic recreation, special education, speech pathology and audiology, adapted physical education, and psychology of exceptionality (Attention Deficit Disorder/Attention Deficit Hyperactive Disorder). The Institute of Disabilities Studies brings these programs together to better infuse this area of study into the teacher education programs.

SUNY Cortland supports the fourth largest Migrant Educational Outreach Program in New York, which provides educational, health and social services advocacy and academic support to school-aged children of migrant workers and their families in the schools, after school, at their homes and in the camps.

Test Field/Category	SUNY Cortland			Statewide
	NUMBER TESTED	NUMBER PASSED	PASS RATE	PASS RATE
PROFESSIONAL KNOWLEDGE/PEDAGOGY ATS-W (or NTE)	754	730	97 %	97 %
OTHER CONTENT AREAS LAST (or NTE)	766	732	96 %	96 %

These data are presented in compliance with Section 207 of the Higher Education Act Title II. Program completers in this table are defined as undergraduate and graduate students receiving a degree between July 1, 2002 and June 30, 2003 and who have taken the NYSTCE exams. While most of the graduates take one of these exams, it is not a graduation requirement at SUNY Cortland.