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# 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). Please note: There are certain 500-level courses that 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 held at SUNY IT.

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 identify courses that may be reserved for a specific major, group of majors or population.

700-799 section numbers are reserved for students not in a particular major.

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](http://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	GER	German	International Communications and Culture
AED	Adolescence Education	Teacher Certification Programs in Related Disciplines	GLY	Geology	Geology
AFS	Air Force – ROTC	ROTC at Cornell University	GRT	Gerontology	Sociology/Anthropology
ANT	Anthropology	Sociology-Anthropology	HIS	History	History
ASL	American Sign Language	International Communications and Culture	HLH	Health	Health
AST	Asian Studies	Interdisciplinary	HUS	Human Services	Sociology/Anthropology
ATH	Art History	Art and Art History	ICC	International Communications and Culture	International Communications and Culture
ATR	Athletic Training	Exercise Science and Sport Studies	INT	Interdisciplinary Studies	Interdisciplinary Program
ATS	Studio Art	Art and Art History	IST	International Studies	International Studies
ATT	Art Theory	Art and Art History	ITA	Italian	International Communications and Culture
BIO	Biology	Biological Sciences	JST	Jewish Studies	Jewish Studies
BMS	Biomedical Sciences	Biological Sciences	LIT	Literacy	Literacy
CAP	Computer Applications	Computer Applications	MAT	Mathematics	Mathematics
CHE	Chemistry	Chemistry	MCS	Computer Science	Mathematics
CHI	Chinese	International Communications and Culture	MGS	Multicultural and Gender Studies	Interdisciplinary Program
CIN	Cinema Study	Cinema Study	MGT	Management	Economics
COM	Communication Studies	Communication Studies	MLS	Military Science – ROTC	ROTC at Cornell University
CON	Conservation Biology	Biological Sciences	MUS	Music	Performing Arts
COR	Cortland Experience	First-Year Experience	PED	Physical Education	Physical Education
CPN	Composition	English/Composition	PHI	Philosophy	Philosophy
CPV	Cooperative Education	Interdisciplinary/Field Studies	PHY	Physics	Physics
CRM	Criminology	Sociology/Anthropology	POL	Political Science	Political Science
DNC	Dance	Performing Arts	PSY	Psychology	Psychology
ECE	Early Childhood Education	Childhood/Early Childhood Education	REC	Recreation	Recreation and Leisure Studies
ECO	Economics	Economics	RLS	Religious Studies	Interdisciplinary
EDA	Education Administration	Educational Leadership	SAB	Study Abroad	Study Abroad, International Programs
EDL	Education Leadership	Educational Leadership	SCI	Science, General	Science, General
EDU	Education	Childhood/Early Childhood Education	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
FSA	Foundations and Social Advocacy	Foundations and Social Advocacy	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
<b>AFRICAN AMERICAN STUDIES</b> concentration: Sociological, Political and Community Development concentration: African and African-American History	B.A. and minor	AAS_AASC AAS_AASH	2211
<b>ANTHROPOLOGY</b> 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
<b>ART</b> concentration: Art History concentration: Studio Art New Media Design	B.A. and minor	ART_ARTH ART_ARTS	1002
<b>ASIAN STUDIES</b>	B.A. minor	NMD ASIA	1009
<b>ATHLETIC TRAINING</b>	B.S.	ATR	1299.30
<b>BIOLOGY</b> concentration: Environmental Science Adolescence Education: Biology (7-12) Biomedical Sciences Conservation Biology	B.A./B.S. and minor  B.S. B.S. B.A./B.S.	BIO BIO_ENVS ABI BMS CON	0401  0401.01 0499 0420
<b>CHEMISTRY</b> concentration: Environmental Science Adolescence Education: Chemistry (7-12) Chemistry/Engineering (3+2)	B.A./B.S. and minor  B.S. B.S.	CHE CHE_ENVS ACH CEN	1905  1905.01 1905
<b>CINEMA STUDY</b>	minor	CIN	1010

## Undergraduate Program Codes

PROGRAM AND MAJOR	DEGREE	MAJOR CODE	HEGIS CODE
<b>COMMUNICATION STUDIES</b> concentration: Criticism and Culture concentration: Journalism concentration: Media Production concentration: Organizational Communication concentration: Public Relations and Advertising New Communication Media	B.A. and minor	COM_CRCU COM_JOUR COM_MEPD COM_ORCO COM_PRAD	0601
<b>COMPUTER APPLICATIONS</b>	B.A.	NCM	0605
<b>CRIMINOLOGY</b>	minor	CAP	
<b>CRIMINOLOGY</b>	B.A.	CRIM	2209
<b>ECONOMICS</b> concentration: International Political Economy and Public Policy minor: Management minor: Political Economy and Public Policy Business Economics concentration: International Business and Economics concentration: Human Resource Management concentration: Financial Management concentration: Environmental Management	B.A. and minor	ECO ECO_IPEP	2204
	minor	MGT	
	minor	PEPP	
	B.A./B.S.	BUSE BUSE_IBE BUSE_HRM BUSE_FMGT BUSE_ENMG	0517
<b>EDUCATION</b> Childhood Education Early Childhood and Childhood Education Early Childhood Education One of the following nine concentrations must be selected with the major: concentration: Biology concentration: Earth Sciences concentration: English Language Arts concentration: Environmental Studies concentration: French concentration: Humanities concentration: Mathematics concentration: Social Sciences concentration: Spanish Inclusive Special Education minor: Psychology of the Exceptional Child Note: This minor is required for the major.	B.S. B.S. B.S.	CHD DEC ECH	0802 0823 0823
		BIO ERS ELA EST FRE HUM MAT SOS SPA ISE ISE_PSYX	
<b>ENGLISH</b> Adolescence Education: English (7-12) minor w/ concentration: Literature and Writing minor w/ concentration: Language and Literature minor w/ concentration: Literature Professional Writing	B.A. and minor B.A. minor minor minor B.A. and minor	ENG AEE/AEN ENLW ENLL ENL PWRT	1501 1501.01   1599
<b>ENGLISH AS A SECOND LANGUAGE</b> Teaching English as a Second Language (K-12) Teaching English as a Second Language (non-certification)	B.A. B.A.	ESL_CERT ESL_NCRT	
<b>ENVIRONMENTAL AND OUTDOOR EDUCATION</b> track: Environmental Education Interpretation track: Organized Camping track: Outdoor Pursuits	minor	EOE EOEE EOEC EOEO	
<b>ENVIRONMENTAL STUDIES: SUNY CORTLAND-BIOLOGY/DUKE</b>	B.S.	BIO_ENS	0401
<b>EXERCISE SCIENCE AND SPORT STUDIES</b> minor: Exercise Science minor: Sport Studies Kinesiology concentration: Coaching concentration: Exercise Science concentration: Sport Studies Kinesiology: Fitness Development	minor minor B.S.	EXSC SPST	0835
	B.S.	KIN_CCH KIN_EXSC KIN_SPST	0835
<b>FRENCH</b> Adolescence Education: French (7-12)	B.A. and minor	FRE AFR	1102 1102.01

## Undergraduate Program Codes

PROGRAM AND MAJOR	DEGREE	MAJOR CODE	HEGIS CODE
<b>GEOGRAPHY</b>	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	
<b>GEOLOGY</b>	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.S.	AES	1914.01
<b>HEALTH</b>			
Health Education: (K-12) Certification	B.S.Ed	HEC	0837
concentration: College Health Promotion and Prevention Services	B.S.Ed	HEC_CHPP	
concentration: Health Communication		HEC_HCOM	
concentration: International Health		HEC_INTH	
concentration: Wellness and Health Promotion		HEC_WELL	
Health Science	B.S.	HSC	1299
concentration: Administration and Planning		HSC_ADMN	
concentration: Allied Health		HSC_ALLH	
concentration: College Health Promotion and Prevention Services		HSC_CHPP	
concentration: Community Health Education		HSC_COMH	
concentration: Environmental Health		HSC_ENVH	
concentration: Health Communication		HSC_HCOM	
concentration: International Health		HSC_INTH	
concentration: Wellness/Health Promotion		HSC_WELL	
<b>HISTORY</b>	B.A. and minor	HIS	2205
<b>HUMAN SERVICE STUDIES</b>	B.A./B.S.	HUS	2101
<b>INDIVIDUALIZED DEGREE PROGRAM</b>	B.A./B.S.	IDP	4901
<b>INTERNATIONAL STUDIES</b>	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	
<b>JEWISH STUDIES</b>	minor	JST	
<b>LATINO/LATIN AMERICAN STUDIES</b>	minor	LLAS	
<b>MATHEMATICS</b>	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
<b>MUSIC</b>	minor	MUS	
<b>MUSICAL THEATRE</b>	B.A.	MUTH	1099
minor: American Musical Theatre	minor	AMTH	
<b>NATIVE AMERICAN STUDIES</b>	minor	NAMS	
<b>PHYSICAL EDUCATION</b>			
Physical Education (K-12) Certification	B.S.Ed	PEC	0835
<b>PHYSICS</b>	B.A./B.S. and minor	PHY	1902
concentration: Environmental Science		PHY_ENVS	
concentration: Geophysics		PHY_GEOP	
Adolescence Education: Physics (7-12)		APH	1902.01
Adolescence Education: Physics and Mathematics (7-12)		APM	1902.01
Physics and Engineering (3+2)	B.S. only	PEN	1902

## Undergraduate Program Codes

PROGRAM AND MAJOR	DEGREE	MAJOR CODE	HEGIS CODE
<b>POLITICAL SCIENCE</b> concentration: Law and Justice concentration: Public Administration and Policy minor: Comparative Politics and International Relations	B.A. and minor minor minor	POL POL_LAJU POL_PADM POL_CPIR PRE	2207
<b>PRE-MAJOR</b>			
<b>PSYCHOLOGY</b> minor: Psychology of the Exceptional Child	B.A./B.S. and minor minor	PSY PSYX	2001
<b>RECREATION</b> concentration: Leisure/Recreation Program Delivery concentration: Management of Leisure Services concentration: Outdoor Recreation Management and Education emphasis: Camp Management emphasis: Environmental and Cultural Interpretation emphasis: Natural Resource Recreation Management emphasis: Outdoor Leadership concentration: Therapeutic Recreation	B.S.	REC REC_LRPD REC_MGLS  REC_ORMC REC_ORMI REC_ORMN REC_ORMO REC_TR	2103
<b>SOCIAL PHILOSOPHY</b>	B.A. and minor	SPHI	1509
<b>SOCIAL STUDIES</b> Adolescence Education: Social Studies (7-12) Program requires a second major: second major: African American Studies second major: Anthropology second major: Economics second major: Geography second major: History second major: International Studies second major: Political Science second major: Sociology		SST	2201.01
	B.A. B.A. B.A. B.A.. B.A. B.A. B.A. B.A. B.A.	SST_AAS SST_ANT SST_ECO SST_GRY SST_HIS SST_IJT SST_POL SST_SOC	
<b>SOCIOLOGY</b> concentration: Criminology concentration: Social Gerontology minor: Social Gerontology	B.A. and minor minor	SOC SOC_CRIM SOC_SGRT SGRT	2208
<b>SPANISH</b> Adolescence Education: Spanish (7-12)	B.A. and minor	SPA ASP	1105 1105.01
<b>SPEECH PATHOLOGY AND AUDIOLOGY</b> Speech and Hearing Science (non-certification) Speech and Language Disabilities	B.S. and minor B.S.	SHS SLD	1220 0815
<b>SPORT MANAGEMENT</b>	B.A./B.S. and minor	SPMG	0599
<b>THEATRE</b>	minor	THT	
<b>URBAN STUDIES</b>	minor	URB	
<b>WOMEN'S STUDIES</b>	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 2004 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 State. 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 outstanding teacher education programs. In fact, SUNY Cortland has the largest state-supported teacher education program in New York State, the second largest state-supported teacher education program in the Northeast, and the 22nd largest teacher education program in the United States.

*(Source: 2001-2002 Title II Report)*

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 13 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 (learning disabilities, mental retardation, ABA and behavior disorders). 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)	841	830	99 %	99 %
OTHER CONTENT AREAS LAST (or NTE)	821	801	98 %	98 %

*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, 2003 and June 30, 2004 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.*