

2007-2008 Addendum

The Finger Lakes Community College Catalog is published every other year. In the years between printings, an addendum is included to provide students with the latest significant changes to degree programs, course offerings, and College policies. Please consult with your advisor when planning your academic schedule.

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ADMINISTRATION

OFFICERS OF THE COLLEGE (see page 267)

Barbara G. Risser, *President of the College*
B.A., Hartwick College
M.S., Syracuse University
Ed.D., University of Pennsylvania

FINGER LAKES COMMUNITY COLLEGE

EMERITI/DISTINGUISHED FACULTY (see page 269)

Daniel T. Hayes, *President Emeritus, Distinguished Full Professor*
B.S., Emporia State University
M.A., Emporia State University
Ph.D., University of Missouri

FEE SCHEDULE FOR 2007-2008*

For Full-time Students

Student Activities Fee (<i>each semester</i>) (finances student activities, lectures, concerts, and student publications)	\$72.00
Technology Fee (<i>each semester</i>) (finances periodic replacements of all student-used desktop computer systems, servers, and other related resources).....	\$44.00

For Part-time Students

Student Activities Part-Time Fee (<i>per credit hour</i>).....	\$6.00
Technology Fee (<i>per credit hour</i>).....	\$4.00

Other Fees*

Challenge Examinations for Advanced Credit (<i>per course</i>) affidavit required**	\$120.00
Independent Study Course for students carrying a full-time schedule fee (<i>per credit hour</i>) affidavit required**	\$60.00
Independent Study Course for students carrying a part-time schedule tuition (<i>per credit hour</i>) affidavit required**	\$120.00
Nursing Supplies Fee (<i>per course</i>) for NUR 100, 101, 102	\$40.00
R.N. Review Course Fee (<i>per semester</i>)	\$60.00
Physical Education Course Fees (<i>in addition to the tuition</i>) for courses: PE 214 and PE 242	\$7.00

*Tuition and fees are subject to change without notice and pending approval of Board of Trustees.

**Any student who has been a resident of New York State for one year or more is eligible to obtain a Certificate of Residence form his/her County Treasurer's Office.

FOR TRANSFER TO SUNY COLLEGES AND UNIVERSITIES

(see page 87)

Language Competency

ASL 101 American Sign Language I has been added for Teacher Education, Human Services, Nursing, or other Helping Professions.

NEW COURSES:

The following are new courses that were created during the 2006-2007 academic year.

**Semester Offered Codes: F=Fall,
S=Spring, B=Both or either Spring or Fall,
JP=JanPlan, SU=Summer**

ART 250 Graphic Design Internship 3 hrs.
The internship provides a hands-on work experience for the Graphic Design student in a professional work environment. A minimum of 120 work hours will be required. Students will be required to enter into an internship contract, complete an orientation, and submit a portfolio and written report at the conclusion of the work experience. *Prerequisite:* ART 215, instructor approval and a minimum GPA of 2.5. (Satisfactory or Unsatisfactory basis.) JP/SU

ASL 201 American Sign Language III (3-0) 3 hrs.

The course is the third in a series of American Sign Language courses. ASL III is an intermediate course that emphasizes and expands on grammar, syntax, spatial referencing, classifiers, and vocabulary development. Sentence constructions will be

reviewed and communicative competencies in ASL beyond the basic level will be addressed. Fluency and accuracy of fingerspelling will be developed as well as the use of lexicalized signs. *Prerequisite:* ASL 102 or permission of instructor. **F**

BIO 214 Herpetology (3-0) 3 hrs.
An investigation of amphibians and reptiles including, but not limited to ecology, behavior, life histories, structure and function, environmental impact, and evolutionary relationships. Amphibian and reptile identification and sampling methods will be integrated into the course. Herps of New York State will be emphasized. Although there is no formal laboratory component, there will be some field work involved. *Prerequisite:* BIO 122 or permission of instructor. **S**

BUS 211 Money and Banking (3-0) 3 hrs.
This course will allow students to develop knowledge of the world of finance through study of such areas as the commercial banking system, the Federal Reserve System, and monetary theory and policy. *Prerequisites:* ACC 101 and ECO 210 or permission of instructor. **B**

CJC 212 Introduction to Criminalistics (3-0) 3 hrs.

Criminalistics examines the application of the physical and biological sciences to the investigation of possible crime and criminal activity. Modern technology will be examined as it applies to crime scene management, the fingerprint sciences, photography, and trace evidence. Emphasis is placed on the relationship between science and law enforcement, with consideration to the legal implication involved in crime scene investigation. Ethical issues surrounding criminalistics will also be addressed and explored in this course. *Prerequisite:* CJC 100 or permission of instructor. **B**

CSC 141 Introduction to the Game Industry (3-0) 3 hrs.

This course provides an introduction to the game industry. Topics covered include how games are made and the evolution of games. An overview of game genres and game platforms is covered. The production cycle including the development of the production team, game development schedule and budget will be examined. The process for creating and developing a game including the elements of game play, the game design document, the technical review, interface design, artificial intelligence, storytelling, prototyping, and building playfields will be studied. Additionally, the course will examine marketing games, economics of the game industry, and breaking into the game industry. **B**

CSC 241 Fundamentals of Game Design (3-0) 3 hrs.

This course is a guide through the concepts, principles, and techniques for designing an entire video game. Students will study a variety of design technologies relevant to games including operating systems, file systems, networks, simulation engines, and multi-media design systems. Students will also study some of the underlying scientific concepts from computer science and related fields including: simulation and modeling, graphics, artificial intelligence, real-time processing, and game theory. Topics that may also be included in the course are design principles for developing useable and engaging games including: software engineering, human computer interaction, thematic structure, graphic design, choreography, music and sound effects, and game aesthetics. *Prerequisite:* CSC 141. **B**

CSC 242 Introduction to 3D Computer Animation (3-0) 3 hrs.

Traditional animation principles and a thorough understanding of the technical aspects

and limitations of creating and manipulating 3D characters (and other assets) for both real-time and pre-rendered 3D environments will be studied. Students will be responsible for designing and creating an entire video game. Specific topics of study include 3D animation, modeling, texturing, rendering, lighting, cinematography, and the study of motion. *Prerequisite:* CSC 141. **B**

CSC 295 Current Topics in Computing and Technology (3-0) 3 hrs.

This course covers new topics and developments in the field of computing sciences. These topics are beyond the scope of standard CSC courses, and are of interest to faculty and students. Topics of current interest in the industry may include game programming, any new programming language, programming for hand-held technology, and any new networking technology. This course may be taken more than once, as long as the course content changes. *Prerequisite:* Permission of the instructor. Course offered as appropriate.

EMCR 125 EMS Management (3-0) 3 hrs.

This course is intended to provide information that will enable persons just entering the profession or expanding their roles to have the ability to work with emergency management issues. The course provides an overview of the characteristics, functions and resources of an integrated system, and how various emergency management services work together in an integration of resources and capabilities. Emphasis will be placed on how this system is applied to all hazards for all government levels, across the four phases and all functions of emergency management. Also included is instruction on federal requirements for meeting the NIMS objectives. *Prerequisite:* Open to all EMS/Fire providers, or with permission of instructor. **B**

NUR 270 Ethical Considerations in Health Care (3-0) 3 hrs.

The purpose of this course is to involve the student in reading and discussing medical issues from an ethical perspective to create depth in our awareness of the moral problems which we cannot ignore and more often than not, cannot necessarily solve. The scope of this course will entail examination of different ethical approaches to moral problems in medicine and their success or failure in a broad range of medical issues: the physician-patient relationship, the role of the nurse, euthanasia and "death with dignity," rights to health care/costs of health care, and an examination of important concepts such as autonomy, paternalism, rights, consent, confidentiality, etc. (Also listed as PHL 170.) **B**

PHL 170 Ethical Considerations in Health Care (3-0) 3 hrs.

The purpose of this course is to involve the student in reading and discussing medical issues from an ethical perspective to create depth in our awareness of the moral problems which we cannot ignore and more often than not, cannot necessarily solve. The scope of this course will entail examination of different ethical approaches to moral problems in medicine and their success or failure in a broad range of medical issues: the physician-patient relationship, the role of the nurse, euthanasia and "death with dignity," rights to health care/costs of health care, and an examination of important concepts such as autonomy, paternalism, rights, consent, confidentiality, etc. (Also listed as NUR 270.) **B**

PLG 265 Law Office Practice (1-2) 3 hrs.

This hybrid course provides students who are unable to complete a traditional internship with the opportunity to experience life in a law firm through simulation. The students will meet with the instructor once a week to discuss issues pertaining to the paralegal profession. Further, the students will be assigned work which will simulate the types of assignments a paralegal will receive in the workplace. The first weekly meeting will be on campus; all future weekly meetings will be via webinars or other hybrid formats. In this course, the instructor will assume the role of an internship supervisor. During the week, the students will be required to check in with the instructor/supervisor on a regular basis regarding assignments which will be provided via email, phone, or online. During the semester, the student will be required to complete a total of 96 hours of internship work which may include, but is not limited to, the preparation of the following: letters, court documents, billing sheets, real estate documentation, wills, probate petitions as well as attendance at a court session or shadowing a paralegal or an attorney in a legal setting. All work will be provided and completed under the guidance of the instructor/supervisor. *Prerequisites:* The student must have completed at least 30 college credits which include a minimum of 15 credits in legal specialty courses. **S**

PE 123 Spinning (½–1 ½) 1 hr.

Spinning is a cardiovascular workout that uses a special stationary bicycle which simulates real cycling conditions and techniques. This comprehensive program is totally non-competitive, allowing both newcomers and athletes to improve their general physical condition and cardiovascular endurance. Additional fee required. **B**

PE 900-965 Intercollegiate Sports 1 hr.

PE 957 Men's & Women's Track & Field I S

PE 958 Men's & Women's Track & Field II S

PHY 145 Physics of Sound (3-2) 4 hrs.

This course is a conceptual introduction to the understanding of waves, sound and music at its most fundamental level: that of sound production, propagation, and perception. Students will explore such topics as the nature of sound; sources of sound, including musical instruments; musical tone; sound propagation; musical recording; sound perception, including the function of the ear; waves on slinkys; electronic reproduction of sound; the functions of CD players and synthesizers; and the demonstration of resonance by the breaking of a wine glass. One of the most important aspects of the course will be to learn by doing. This is a conceptual approach, with minimum mathematical demands. *Prerequisites:* High school algebra or GST142 is recommended. **B**

PHY 245 Physics of Animation (3-2) 4 hrs.

In this course the techniques from geometry, trigonometry, algebra, and pre-calculus will be integrated with the motion of objects (kinematics), and the role of forces (dynamics). Realistic collisions, deformation, oscillations, and waves will be addressed using the concepts of momentum conservation and energy transfer. Physics of sources (light, sound) will be integrated with the physics of perception to elucidate the immersive experience of videogames. Physics of complex aggregates and feedback loops (fractals, fragmentation, turbulence, chaos, and cellular automata) will be used to enhance simulation of the nature. The laboratory exercises will consist of observation of real systems integrated with simulations. *Prerequisites:* MAT 152, PHY 118, CSC 115, CSC 190. *Recommended co-requisites:* CSC 200, MAT 220. **S**

THE 115 Backstage Practicum (0-3) 1 hr.

Backstage Practicum provides students the opportunity to participate in the semester's mainstage production as a backstage technician. Students could serve as the stage manager, light board operator, sound technician, costume dresser, prop runner, or on the shift crew. *Prerequisite:* THE 100 or 101 and permission of the department required. Course graded as satisfactory/unsatisfactory. **B**

THE 215 Scene Shop Practicum (0-2) 1 hr.

Scene Shop Practicum provides students the opportunity to work in the scene shop for the semester's theatre productions as carpenters, painters, and electricians. *Prerequisite:* THE 100 and permission of the department required. Course graded as satisfactory/unsatisfactory. **B**

COURSE CHANGES:

During the 2006-2007 academic year, changes have been made to the following courses.

ACC 102 Principles of Managerial Accounting: *The prerequisite for this course has been changed.*

Prerequisite: ACC 101 with a grade of C+ or better.

ACC 103 Survey of Accounting

This course is no longer offered.

ACC 201 Intermediate Accounting I: *The prerequisite for this course has been changed.*

Prerequisite: ACC 102 with a grade of C+ or better.

BIO 101 Current Topics in Social Biology: *This course is no longer offered.*

BIO 225 Ornithology: *The description for this course has been changed.*

The study of birds with special emphasis on anatomy, life histories and identification of birds common to Western New York. Lecture and laboratory work will be supplemented by several field trips, including early morning bird observations. Trips to selected local birding areas are required. (Also listed as CON 211) *Prerequisite:* BIO 121, BIO 122, or permission of instructor. **B**

BUS 247 Electronic Commerce: *The prerequisite for this course has been eliminated.*

CHM 295 Current Topics in Social Biology: *This course is no longer offered.*

CHM 296 Current Topics in Social Biology: *This course is no longer offered.*

CHM 297 Current Topics in Social Biology: *This course is no longer offered.*

CJC 231 Environmental Conservation-Outdoor Recreation Law I: *The description for this course has been changed.*

This course focuses on current and historical hunting, fishing, land, and forest laws of New York State as well as Federal laws that apply within the State. Descriptions of several careers in conservation law enforcement are stressed. In addition, students are given opportunities to apply fish and wildlife laws in real-life situations. Lecture, class discussion, guest speakers, take home projects, and an oral presentation from each student are the main methods of instruction. (Also listed as CON 231.) **F**

CON 211 Ornithology: *The description for this*

course has been changed.

The study of birds with special emphasis on anatomy, life histories and identification of birds common to Western New York. Lecture and laboratory work will be supplemented by several field trips, including early morning bird observations. Trips to selected local birding areas are required. (Also listed as BIO 225.) *Prerequisite:* BIO 121, BIO 122 or permission of instructor. **B**

CON 216 Wildlife Management: *The description for this course has been changed.*

This course will provide intensive classroom and some field experience in wildlife management theory including: population dynamics, mortality, natality, and the relationship between wildlife and their habitats. Practical techniques used for aging, sexing, marking, trapping, and transferring game and non-game wildlife will be presented. Rearing and releasing endangered and game species, habitat evaluation, nuisance control, and wildlife population estimation techniques are discussed. **F**

CON 218 Fish Culture Techniques: *The description for this course has been changed.*

This course is designed to provide second year students enrolled in the A.A.S. Fisheries Technology degree, in depth exposure to fish culture practices and techniques. Students will review historic and current status of fish culture in the United States and world. Culture methods, data collection, egg take, incubation, and fry hatching of walleye (*Sander vitreus*) cultured at the FLCC-Muller Field Station-Fish Culture and Aquatic Research Center is emphasized. Trips to other culture facilities add to the student experience. Essential factors involving water quality, fish health, nutrition, species requirements, system design, equipment, and advanced recirculation aquaculture systems are studied. This is a hands-on course. *Prerequisite:* CON 219 or permission of instructor. **S**

CON 231 Environmental Conservation-Outdoor Recreation Law I: *The description for this course has been changed.*

This course focuses on current and historical hunting, fishing, land, and forest laws of New York State as well as Federal laws that apply within the State. Descriptions of several careers in conservation law enforcement are stressed. In addition, students are given opportunities to apply fish and wildlife laws in real-life situations. Lecture, class discussion, guest speakers, take home projects, and an oral presentation from each student are the main methods of instruction. (Also listed as CJC 231.) **F**

CSC 102 Tools for Internet Users: *The course description for this course has changed.*

Added: (Will not carry CSC credit for A.A.S. Information Technology; A.S. Information Systems, or A.S. Computer Science degrees.)

CSC 211 MS Access and Database Processing: *The prerequisite for this course has been eliminated.*

CSC 247 Electronic Commerce: *The prerequisite for this course has been eliminated.*

CSC 248 Network Administration and Support: *The prerequisite for this course has been changed.*

Prerequisite: CSC 260 or permission of instructor.

CSC 260 Data Communications and Networking: *The prerequisite for this course has been changed.*

Prerequisite: CSC 115 with a grade of C or better or permission of instructor.

CSC 262 Web Site Development and Programming: *The prerequisite for this course has been changed.*

Prerequisite: CSC 115 with a grade of C or better or permission of instructor.

CSC 272 Managing Operating Systems: *The prerequisite for this course has been changed.*

Prerequisite: CSC 260 or permission of instructor.

CSC 273 Technical Information Security: *The prerequisite for this course has been changed.*

Prerequisite: CSC 260 or permission of instructor.

CSC 274 Computer Forensics and Investigations: *The prerequisite for this course has been changed.*

Prerequisite: CSC 260 or permission of instructor.

CSC 290 Preparing for A+ Certification: *The prerequisite for this course has been changed.*

Prerequisite: CSC 260 or permission of instructor.

CSC 291 Preparing for Network+ Certification: *The prerequisite for this course has been changed.*

Prerequisite: CSC 260, CSC 261, or permission of instructor.

GST 126 Speed Reading: *This course is no longer offered.*

GST 131 Critical & Analytical Thinking: *This course is no longer offered.*

GIS 100 Introduction to Geographic Information Systems: *This course is no longer offered.*

HIS 261 War & Society in the 20th Century: *The course description for this course has been changed.*

Focusing on the period 1890 to 1950 – from the First World War, through the Second World War and emergence of the Cold War – this course will examine the crucial interaction between war and society in the conflict-ridden twentieth century: how war has sparked dramatic social change and how society has given both form and substance to modern war. Prior completion of HIS 101, HIS 111, or HIS 122 is strongly recommended, but not required. **B**

HRT 160 Unique Horticulture Facilities: *The credit hours for this course have been changed.*

1 credit hour

HTM 205 Principles of Food Production: *The contact hours for this course have been changed.*

1½ lecture hours and 2½ lab hours.

MAT 151 Trigonometry: *This course is no longer offered.*

OFT 253 Machine Transcription: *This course is no longer offered.*

PE 143 Sailboarding: *This course is no longer offered.*

PE 160 Selected Physical Activity: *This course is no longer offered.*

SSC 101 Experiences in Social Science I: *This course is no longer offered.*

SSC 102 Experiences in Social Science II: *This course is no longer offered.*

SSC 103 Experiences in Social Science III: *This course is no longer offered.*

SSC 104 Experiences in Social Science IV: *This course is no longer offered.*

SPN 130 Spanish for Hotel & Resort Management: *This course is no longer offered.*

SPN 152 Spanish for Medical Personnel: *This course is no longer offered.*

TAX 201 Bird Mount Preparation: *The course description for this course has been changed.*

This course will provide intensive experience in the use of tools, materials, and techniques in the preparation of bird mounts. Students will prepare several bird mounts during the course. **S**

CHANGES TO CURRENTLY LISTED DEGREE PROGRAMS:

Changes have been made to the following degree and certificate programs during the 2006-2007 academic year.

A.S. Biotechnology (see page 104)

The HEGIS code is 5604.

A.S. Music (see page 131)

The requirement 9 credit hours of mathematics/science electives (Must include one math and one science elective) has been replaced with 5 credit hours of mathematics/science electives (Must include one math elective).

PHY 145 Physics of Sound has been added as a required science course.

MUS 106L Music Theory I Lab, MUS 107L Music Theory II Lab, MUS 206L Music Theory III Lab, and MUS 207L Music Theory IV Lab have been added to the Music requirements.

A.S. Music Recording Technology (see page 134)

The requirement 9 credit hours of mathematics/science electives (Must include one math and one science elective) has been replaced with 5 credit hours of mathematics/science electives (Must include one math elective).

PHY 145 Physics of Sound has been added as a required science course.

MUS 106L Music Theory I Lab, MUS 107L Music Theory II Lab, MUS 206L Music Theory III Lab, and MUS 207L Music Theory IV Lab have been added to the Music requirements.

The following note has been removed: ***PHY 151, 152 General Physics I and II and MAT 271 Calculus I are recommended. Students wishing to enter a 2+2 program should consult with their advisor regarding the specific requirements of transfer schools.

A.S. Physical Education Studies (see page 137)

The requirement BIO 121 and 122 General Biology I and II have been removed.

BIO 111 Biology of Man: The Organism has been added as a requirement.

PE 190 Care and Prevention of Athletic Injuries has been added as a requirement.

One credit activity class has been added as a requirement.

A.S. Theatre Arts (see page 143)

The required degree credits have been changed from 64 credit hours to 66 credit hours. THE 115 Backstage Practicum and THE 215 Scene Shop Practicum are now required courses.

A.A.S. Hotel & Resort Management (see page 168)

The degree requirement SPN 130 Spanish for Hotel and Resort Management has been replaced with SPN 140 Occupational Spanish.

A.A.S. Nursing (see page 191)

Page 192, paragraph 5, Students must enroll for a minimum of 32 credit hours, 17 (changed from 16) of which must be...

Minimum PE 1 credit hour (participatory sport) has been replaced with PE 1 credit hour (activity class).

*Qualify to sit for the National Licensing Exam for Practical Nursing at the end of the third semester has been removed.

A.A.S. Paralegal (see page 203)

The requirement PLG 250 Paralegal Internship or PLG 260 Paralegal Practice has been changed to PLG 250 Paralegal Internship or PLG 265 Law Office Practice.

A minimum typing competency of 35 WPM through testing or successful completion of OFT 100 and OFT 131 will be required to receive the A.A.S. Paralegal degree has been added.

NEW DEGREE PROGRAM

LIBERAL ARTS AND SCIENCES

Childhood Education (Teacher Education Transfer) (HEGIS 5608)

Associate in Arts Degree

A.A.

The Associate in Arts Childhood Education (Teacher Education Transfer) degree program is designed to prepare students to transfer to bachelor's degree programs in childhood education to become certified teachers of first- through sixth-grade students. The program introduces students to the historical, philosophical, and social foundations of education; explores the role of the teacher; provides coursework in the structure and organization of schools; and offers the opportunity for structured school observations. The program also provides the liberal arts coursework necessary for students to transfer to childhood education programs at SUNY and private colleges.

Students in this program are introduced to the field of education and teaching through academic coursework in the philosophy, history, and social issues of American schools and education. Coursework also includes a liberal arts foundation important to those preparing to become teachers. Additionally, 30 hours of guided field observation will expose students to their specific grade level of interest.

Students in this program will transfer to SUNY colleges such as Geneseo, Cortland, and Oswego, as well as private colleges, such as Keuka, to pursue bachelor's degrees in the field of education. FLCC has articulation agreements specifically for teacher education with SUNY Geneseo, SUNY Brockport, Keuka College, and Roberts Wesleyan College. Currently, Finger Lakes Community College alumni teach in many schools throughout New York State and beyond.

The goals of the Associate in Arts Childhood Education (Teacher Education Transfer) degree program are:

- To provide students with sufficient academic background to enable them to enter into and successfully compete within the framework of a four-year institution
- To provide the necessary coursework to successfully transfer to a teacher education program in a public or private four-year institution
- To provide the opportunity to explore the field of childhood education through guided field experiences
- To develop in students all of the 11 competencies identified by Finger Lakes Community College as learning outcomes of a liberal education

CURRICULUM REQUIREMENTS

The student is required to complete a minimum of 64 credit hours, with a grade point average of not less than C (2.0)

Students who are transferring to four-year institutions should follow the general education course requirements for transfer to SUNY and non-SUNY schools as explained on pages 84-89.

All associate degree programs require English 101 Freshman English and English 102 Introduction to Literature. Students must pass skills assessment for entrance into these courses. Students who are well prepared may substitute ENG 104 English I Honors and ENG 105 English II Honors for ENG 101 and ENG 102. Students who are considering the English Honors sequence should consult the Director of Honors.

The student must successfully complete:

Humanities	ENG 101 Freshman English	
	ENG 102 Introduction To Literature OR	
	ENG 104 English I Honors	
	ENG 105 English II Honors	
	COM 110 Public Speaking	
	6 credit hours of foreign language *	
	3 credit hours fine arts elective 3-4 liberal arts elective **	
Social Science	HIS 100 or HIS 101 Shaping of Western Society HIS 110 or HIS 111 United States History HIS 120 China and Japan OR HIS 122 Modern World History	
	PSY 100 Introduction to Psychology	
	PSY 225 Child Psychology	
	SOC 100 Introduction to Sociology	
	Mathematics/Science	MAT 180 Math for Elementary School Teachers I MAT 280 Math for Elementary School Teachers II 8 credit hours of lab science sequence *** (BIO 111 / 112, BIO 121 / 122, BIO 171 / 172, CHM 121 / 122, CHM 211 / 212, PHY 118 / 119, PHY 151 / 152)
		Education
Health/Physical Education		

* See Advisor for Foreign Language Requirements.

** Appropriate electives vary depending upon teaching area.

*** Some baccalaureate programs prefer a two semester sequence in one science area, some prefer one course in two different science areas, e.g. one chemistry and one biology.

Students intending to transfer to a SUNY Institution should consult with their advisor for course selections that meet general education requirements and consult www.suny.edu/tett for more information about transfer to a SUNY Institution.

SAMPLE SCHEDULE

The following schedule shows how the requirements for the A.A. Childhood Education (Teacher Education Transfer) degree may be met in four semesters. This schedule is an example of one of many possible different schedules. It is included here only as an illustration of the type of schedule that might be followed by a full-time student. Many students attending Finger Lakes Community College who have work and/or family obligations choose a different sequence of courses and take more than four semesters to fulfill the requirements for the A.A. Childhood Education (Teacher Education Transfer) degree. Similarly, students who find they need to take some additional course work to prepare them to do well in the types of courses included in the A.A. Childhood Education (Teacher Education Transfer) degree program may plan a schedule that takes more than four semesters to complete the degree.

All students should consult their advisors when they plan their schedules.

<i>First Semester</i>	<i>Credit Hours</i>	<i>Second Semester</i>	<i>Credit Hours</i>
ENG 101 Freshman English	3	ENG 102 Introduction to Literature.....	3
SOC 100 Introduction to Sociology	3	PSY 225 Child Psychology.....	3
PSY 100 Introduction to Psychology.....	3	**Foreign Language/Liberal Arts	
*Foreign Language/Liberal Arts		Elective.....	3/4
Elective.....	3/4	HIS 110 United States History I	
Fine Arts Elective.....	3	OR HIS 111 U.S. History II.....	3
	15/16	MAT 180 Math for Teachers I.....	3
		PE 212 Health.....	3
			18/19
<i>Third Semester</i>	<i>Credit Hours</i>	<i>Fourth Semester</i>	<i>Credit Hours</i>
EDU 200 American Education.....	3	EDU 210 Schools in America:	
HIS 100 Shaping of Western Society I		Organization Issues	4
OR HIS 101 Shaping of		***Lab Science Elective.....	4
Western Society II.....	3	HIS 120 China & Japan OR HIS 122	
***Lab Science Elective.....	4	Modern World History	3
COM 110 Public Speaking.....	3	Liberal Arts Elective	3/4
MAT 280 Math for Teachers II.....	3	PE Physical Education Elective	1
	16		15/16

*See Advisor for Foreign Language Requirements.

**Appropriate electives vary depending upon teaching area.

***Some baccalaureate programs prefer a two semester sequence in one science area, some prefer one course in two different science areas, e.g. one chemistry and one biology.

NEW CERTIFICATE PROGRAMS

Teaching Assistant Certificate (HEGIS 5503)

The Teaching Assistant Certificate is designed to provide individuals with the opportunity to complete appropriate college course work which may result in certification through the New York State Education Department. Students will enroll in Humanities, Social Science, Math and elective courses that will complete the College's certificate requirements. In addition, two required courses, Teacher Assistant I and II, will help prepare individuals for teacher assistant positions in the area of public education by learning about federal and state laws and regulations, child and adolescent development and learning, classroom and behavior management, and instructional strategies. Graduates will be eligible to apply for the Teaching Assistant Level III certification through the New York State Department of Education after completing the Teaching Assistant certificate program and meeting additional NYS requirements or progress to the College's A.A. Liberal Arts and Sciences degree program.

The goals of the Teaching Assistant Certificate are:

- To prepare individuals specifically for their role as teacher assistants in the area of public education.
- To focus on the interactions taking place in the classroom and within the school system from the perspective of the teacher assistant.
- To gain relevant understanding, knowledge, and skills from analysis of: roles and responsibilities of teacher assistants and teachers; federal and state laws and regulations; child and adolescent development and learning; classroom and behavior management; and instructional strategies to improve student learning.
- To address issues that specifically relate to the duties of the teacher assistant such as the philosophy and history of education, instructional techniques, current educational trends, and the functioning of a school system.
- To enhance reading, writing, oral communication, mathematical, and technology skills.

CURRICULUM REQUIREMENTS

The student must complete a minimum of 24 credit hours with a grade point average of not less than C (2.0).

The following courses must be completed:

Humanities	ENG 101 Freshman English ENG 102 Introduction to Literature OR ENG 104 English I Honors ENG 105 English II Honors COM 110 Public Speaking OR COM 115 Interpersonal Communication
Teaching Assistant	GST 201 Teacher Assistant I GST 202 Teacher Assistant II
Social Science	PSY 100 Introduction to Psychology
Mathematics	MAT 180 Mathematics for Elementary School Teachers I
General Electives	3 credit hours - by advisement

Wildland Fire Suppression Certificate (HEGIS 5507)

The Wildland Fire Suppression certificate will provide students with a solid foundation in wildland fire suppression. This certificate will provide the training wildland fire fighters need for the Federal Interagency "Red card" and will meet and exceed the minimum requirements for State and Federal Agencies that hire wildland fire fighters.

This certificate is designed for people who would like to pursue employment with the NYS DEC and federal agencies such as the U.S. Forest Service, the Bureau of Land Management, the National Park Service, and U.S. Fish and Wildlife Services. Additionally, this certificate is designed for individuals with a general interest in wildland fire suppression; volunteer firefighters who would like to expand their knowledge and career opportunities; and currently enrolled students with an interest in supplementing their conservation degrees.

Courses are being offered in the evening and on weekends in order to accommodate the schedules of busy adult students and employed students.

Students will also receive federally-recognized certification through the completion of Wildland Fire Suppression (S130/S190); Portable Pumps and Water Use (S211); Fire Fighter Type I (S131/S134); Wildland Fire Chain Saws (S212); Basic Incident Command System (I100/I200); and Fire Operations in the Wildland/Urban Interface (S215).

Prospective firefighters must first complete the Wildland Fire Suppression course offered as part of this certificate program. This course provides the required training to obtain the S130 and S190 state and federally-recognized certification. Additionally, students must also pass an employer's physical fitness test consisting of a timed run or "pack" test. FLCC was the first College in New York state to offer this course to the public.

CURRICULUM REQUIREMENTS

The student must complete a minimum of 28 credit hours with a grade point average of not less than C (2.0)

The following courses must be completed:

Humanities	COM 110 Public Speaking OR COM 115 Interpersonal Communication
Wildland Fire Suppression	WFS 100 Orienteering WFS 101 Fire Science Agencies and Careers WFS 130/CON 255 Wildland Fire Suppression WFS 131 Firefighter Type I WFS 200 Basic Incident Command System WFS 211 Portable Pumps and Water Use WFS 212 Wildland Fire Chain Saws WFS/CON 256 Fire Ecology 2 credit hours of Wildland Fire Suppression electives
Conservation	6 credit hours of Conservation electives
Physical Education	PE 214 Responding to Emergencies
General Elective	1 credit general elective

SAMPLE SCHEDULE

<i>First Semester</i>	<i>Credit Hours</i>	<i>Second Semester</i>	<i>Credit Hours</i>
COM 110 Public Speaking OR		WFS 131 Fire Fighter Type I.....	1
COM 115 Interpersonal Communication	3	WFS 200 Basic Incident Command System.....	1
WFS 100 Orienteering	1	WFS 212 Wildland Fire Chain Saw.....	2
WFS 101 Fire Science Agencies and Careers	1	WFS/CON 256 Fire Ecology	3
WFS 130/ CON 255 Wildland Fire Suppression.....	2	Wildland Fire Suppression Elective	2
WFS 211 Portable Pump and Water Use.....	2	Conservation Elective.....	3
Conservation Elective.....	3	General Elective	1
PE 214 Responding to Emergencies	3		13
	15		