

SPECIAL TRANSFER PROGRAMS

PHYSICAL THERAPIST ASSISTANT

Associate in Science Degree

The physical therapist assistant is a paraprofessional who delivers services under the supervision of a physical therapist. Work for a physical therapist assistant might be in a hospital, school system, private office, home health agency, industrial setting or rehabilitation hospital. This course of study provides the specific training necessary to enter a career as a physical therapist assistant. This is a “**selective admissions program**” and is provided through a consortium in collaboration with Capital, Housatonic, Manchester, Naugatuck Valley, Northwestern Connecticut and Tunxis Community Colleges. Individuals applying for admission to the Physical Therapist Assistant program may apply at only one location.

The Physical Therapist Assistant program is licensed by the Connecticut Board of Governors of Higher Education and is accredited by the Commission on Accreditation in Physical Therapy Education/APTA, 1111 North Fairfax St., Alexandria, VA 22314-1488, 703-684-2782.

Advisor: Barbara Berger, bberger@nwcc.commnet.edu, 860-738-6308

Prerequisites: MAT* 137 – Intermediate Algebra, Chemistry or Physics, BIO* 211 – Anatomy & Physiology I with a minimum grade of “C” taken within the last 5 years prior to entering the PTA Program.[^]

General Education Requirements			
	ENG* 101	Composition	3
Literature or Communication	ENG* 102	Literature & Composition	3
Behavioral Science	PSY* 111	General Psychology I	3
Humanities/Arts		Humanities or Art Elective	3
Mathematics	MAT*	Mathematics Elective	3
Natural/Physical Science	BIO* 212	Anatomy & Physiology II	4
Social Science		Social Science Elective	3
Liberal Arts	COM* 173	Public Speaking	3
			25
Program Requirements			
	PTA* 120	Introduction to Physical Therapy	3
	PTA* 125	Physical Therapy for Function	4
	PTA* 220	Introduction to Physical Therapy Clinic	1
	PTA* 230	Physical Agents in Physical Therapy	4
	PTA* 235	Kinesiology for Rehabilitation	4
	PTA* 250	Therapeutic Exercise	5
	PTA* 253	Pathophysiology for Rehabilitation	3
	PTA* 258	PTA in the Healthcare Arena	2
	PTA* 260	Physical Therapy Seminar	2
	PTA* 262	PTA Internship II	5
	PTA* 265	PTA Internship III	5
			38
		Total	63

Program Outcomes

Upon successful completion of all program requirements, graduates should be able to:

1. Sit for examination for state licensure/registration as a physical therapist assistant.
2. Perform physical therapy interventions under the supervision of a physical therapist.
3. Accurately obtain patient information through data collection.
4. Demonstrate accurate problem-solving abilities when working as a physical therapist assistant.
5. Competently communicate with physical therapists, patients, families and other health care providers.
6. Effectively provide education to patients, families, and other caregivers.
7. Produce documentation supporting physical therapy services.
8. Demonstrate behaviors that comply with appropriate statutes and with the ethical standards established by the American Physical Therapy Association.
9. Competently function within an interdisciplinary health care team.

All PTA* courses must be taken in sequence with the exception of electives. The curriculum is designed as a progression of increasing complexity. A grade of “C” or higher must be achieved in all PTA* and BIO* courses and a grade of “P” must be attained in the clinical education components.

[^] For a complete list of selective admission requirements, including approved prerequisite courses contact the Director of Admissions or the Allied Health Program Coordinator.

SPECIAL TRANSFER PROGRAMS

BIOLOGY TRANSFER PATHWAY

Associate in Science Degree - Liberal Arts & Science

The objective of this pathway is to prepare students for transfer to a baccalaureate degree in Biology, BioMolecular Sciences or Biochemistry at a four-year college or university as well as for entry-level laboratory technician positions.

Students who earn an associate's degree in Liberal Arts & Sciences through the Biology Pathway will be able to:

- Transfer into a bachelor's degree program in biology, molecular biology and biotechnology.
- Transfer into pre-professional programs such as pre-vet or pre-med.
- Transfer into a bachelor's degree in medical laboratory sciences such as cytology and histology.
- Transfer into secondary biology education program.
- Pursue careers as laboratory technicians in academic or industrial settings

Students who successfully complete this pathway can transfer to Central Connecticut State University's BioMolecular Science Program with junior standing under an articulation agreement with the CCSU College of Technology. Contact a NCCC Biology Faculty Advisor for more details on this articulation agreement.

General Education Requirements			
	ENG* 101	Composition	3
Literature or Communication	ENG* 102	Literature & Composition	3
Behavioral Science		Behavioral Science Elective	3
Humanities/Arts		Humanities or Arts Elective	3
Mathematics	MAT* 186	Precalculus	4
Natural/Physical Science	BIO* 121	General Biology I	4
Social Science		Social Science Elective	3
Liberal Arts	HIS* 101 HIS* 102 HIS* 201 HIS* 202	Western Civilization I OR Western Civilization II OR U.S. History I OR U.S. History II	3
			26
Program Requirements			
	BIO*	Biology Elective	4
	BIO*	Biology Elective	4
	BIO*	Biology Elective	4
	BIO* CHE* PHY*	Biology Elective OR Chemistry Elective OR Physics Elective	4
			16
Specialize Program Requirements			
	BIO* 122	General Biology II	4
	BIO* 235	Microbiology	4
	CHE* 121	General Chemistry I	4
	CHE* 122	General Chemistry II	4
		Elective	3
			19
		Total	61

Program Outcomes

Upon successful completion of all program requirements, graduates should be able to:

1. Demonstrate basic laboratory skills and working knowledge of safety procedures.
2. Understand and be able to apply the scientific method of inquiry.
3. Demonstrate a basic understanding of experimental design and analysis.
4. Explain basic cellular and organism principles.
5. Demonstrate an understanding of basic chemical concepts.
6. Perform biotechnology techniques including:
 - Gel electrophoresis
 - Restriction digests
 - Bacterial transformation
 - Polymerase Chain Reaction
 - DNA fingerprinting.
7. Use a light microscope to view and interpret slides.
8. Properly prepare slides for microbiological examination.
9. Perform simple and differential staining techniques including Gram stains.
10. Demonstrate aseptic techniques for the handling of microorganisms and instruments, including:
 - Sterilization and maintenance of sterile transfer instruments
 - Perform aseptic transfer
 - Obtain samples.
11. Use appropriate microbes in a sample using serial dilution techniques.
12. Estimate the number of microbes in a sample using serial dilution techniques.
13. Use standard microbiology laboratory equipment correctly.
14. Perform and analyze immunological tests.

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SPECIAL TRANSFER PROGRAMS

ENGLISH TRANSFER PATHWAY Associate in Art Degree - Liberal Arts & Science

The objective of this pathway is to prepare students for transfer to a baccalaureate degree in English at a four-year college or university as well as to foster a better understanding and respect for the past.

General Education Requirements			
	ENG* 101	Composition	3
Literature or Communication	ENG* 102	Literature & Composition	3
Behavioral Science		Behavioral Science Elective	3
Humanities/Arts	ART*/MUS*	Art or Music Elective	3
Mathematics	MAT* 167 MAT* 186 MAT*	Statistics with Technology OR Precalculus OR Math Elective higher than MAT* 137	3 (4)
Natural/Physical Science	BIO* CHE* PHY*	Biology Elective OR Chemistry Elective OR Physics Elective	4
Social Science		Social Science Elective	3
Liberal Arts		Liberal Arts Elective	3
			25 (26)
Program Requirements			
	PHL*	Philosophy Elective	3
		Foreign Language Electives ¹	6
	BIO* CHE* PHY*	Biology Elective OR Chemistry Elective OR Physics Elective	4
	HIS* 101 HIS* 102 HIS* 201 HIS* 202	Western Civilization I OR Western Civilization II OR U.H. History I OR U.S. History II	3
			16
Specialize Program Requirements			
		Liberal Arts Elective	3
		Liberal Arts Elective	3
English (survey)	ENG* 221 ENG* 222 ENG* 231 ENG* 232	American Literature I AND American Literature II OR British Literature I AND British Literature II	6
English (genre)	ENG* 214 ENG* 213 ENG* 211	Drama OR Poetry OR Short Story	3
English	ENG* 281 ENG* 200	Creative Writing OR Advanced Composition	3
		Elective	3
			21
		Total	62 (63)

¹ The language requirement will be waived for any student who has completed 3 years of a single foreign language in high school with a grade of "C" or better. If the language requirement is waived, 6 credits in liberal arts courses will be substituted.

SPECIAL TRANSFER PROGRAMS

HISTORY TRANSFER PATHWAY Associate in Art Degree - Liberal Arts & Science

The objective of this pathway is to prepare students for transfer to a baccalaureate degree in History at a four-year college or university as well as to foster a better understanding and respect for the past.

Advisor: Todd Bryda, tbryda@nwcc.commnet.edu, 860-738-6302

General Education Requirements			
	ENG* 101	Composition	3
Literature or Communication	ENG* 102	Literature & Composition	3
Behavioral Science		Behavioral Science Elective	3
Humanities/Arts	ARY*/MUS*	Art or Music Elective ¹	3
Mathematics	MAT* 167 MAT* 186	Statistics with Technology OR Precalculus OR Math Elective higher than MAT* 137	3 (4)
Natural/Physical Science	BIO* CHE* PHY*	Biology Elective OR Chemistry Elective OR Physics Elective	4
Social Science		Social Science Elective	3
Liberal Arts		Liberal Arts Elective	3
			25 (26)
Program Requirements			
	PHL*	Philosophy Elective	3
		Foreign Language Electives ²	6
	BIO* CHE* PHY*	Biology Elective OR Chemistry Elective OR Physics Elective	4
			13
Specialize Program Requirements			
	HIS* 101 HIS* 102 HIS* 201 HIS* 202	Western Civilization I OR Western Civilization II OR U.H. History I OR U.S. History II	9
	HIS*	History Elective ³	3
	HIS*	History Elective ³	3
		Liberal Arts Elective	3
		Elective	3
		Elective	3
			24
		Total	62 (63)
¹ Directed elective to be chosen in consultation with advisor ² Complete either SPA* 101 & SPA* 102 OR GER* 101 & GER* 102. The language requirement will be waived for any student who has completed 3 years of a single foreign language in high school. ³ HIS* 213 or higher			

[Transfer Express Logo]

Program Outcomes

Upon successful completion of all program requirements, graduates should be able to:

1. Understand and critically analyze primary and secondary historical sources.
2. Engage in informed critical debate on major historical issues.
3. Demonstrate knowledge of major historical events and related effects.

SPECIAL TRANSFER PROGRAMS

PSYCHOLOGY TRANSFER PATHWAY Associate in Art Degree - Liberal Arts & Science

The objective of this pathway is to prepare students for transfer to a baccalaureate degree in Psychology at a four-year college or university as well as to foster a better understanding and respect for the past.

Advisor: Robert Beck, PhD, rbeck@nwcc.commnet.edu, 860-738-6386

General Education Requirements			
	ENG* 101	Composition	3
Literature or Communication	ENG* 102	Literature & Composition	3
Behavioral Science	SOC* 101	Principles of Sociology	3
Humanities/Arts	ART*/MUS*	Art or Music Elective ¹	3
Mathematics	MAT* 167	Statistics with Technology	3
Natural/Physical Science	BIO* CHE* PHY*	Biology Elective OR Chemistry Elective OR Physics Elective	4
Social Science		Social Science Elective	3
Liberal Arts		Liberal Arts Elective	3
			25
Program Requirements			
	PHL*	Philosophy Elective	3
		Foreign Language Electives ¹	6
	BIO* CHE* PHY*	Biology Elective OR Chemistry Elective OR Physics Elective	4
	HIS* 101 HIS* 102 HIS* 201 HIS* 202	Western Civilization I OR Western Civilization II OR U.H. History I OR U.S. History II	3
			16
Specialize Program Requirements			
	PSY* 111	General Psychology I	3
	PSY* 112	General Psychology II	3
	PSY*	Psychology Elective	3
	PSY*	Psychology Elective	3
	PSY*	Psychology Elective	3
		Elective ²	3
		Elective ²	3
			21
		Total	62
¹ The language requirement will be waived for any student who has completed 3 years of a single foreign language in high school with a grade of "C" or better. If the language requirement is waived, 6 credits in liberal arts courses will be substituted. ² PHL* 112 Healthcare Ethics or HSE* 235 Professional & Ethical Issues in Human Services are recommended.			

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SPECIAL TRANSFER PROGRAMS

TRANSFER PATHWAY FOR TEACHING CAREERS

The transfer pathway for teaching careers is an advising program at NCCC provide direction for students planning to enter specific education programs that lead to teaching certification in the State of Connecticut through cooperative agreements with a variety of colleges and universities. Students may elect to prepare for teacher certification in:

- Early Childhood Education** – Birth through Kindergarten or Nursery School through Grade 3 (see following pages)
- Elementary Education** – Grades K through 6 (see following pages)
- Secondary Education** – Grades 7 through 12 (see following pages)

Students work with advisors to:

1. **Select a Major** – The Connecticut Department of Education requires that students select a liberal arts major in addition to their education certificate coursework.
2. **Meet Admission Requirements for Specific Schools of Education** – Students do not generally begin to take education courses until their junior year after they have been admitted to an education program.
3. **Prepare to Take the Praxis I Test** – The Connecticut Department of Education requires that students take the Praxis I test or qualify for exemption before admission to a college or university school of education. Students can use the Learning Plus software in the Academic Skills Center for Praxis preparation. Community College students can use this service for free. Non-community college students can register for this service through the Continuing & Extended Studies department.

Advisors: Sharon Gusky, sgusky@nwcc.commnet.edu, 860-738-6395
Dr. Keith Adams, kadams@nwcc.commnet.edu, 860-738-6301

All students planning to transfer to an education program must work closely with an advisor. Together the student and the advisor plan the best program of study based upon the student's transfer goal.

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SPECIAL TRANSFER PROGRAMS

EARLY CHILDHOOD EDUCATION TEACHING CAREERS TRANSFER PATHWAY

Associate in Science Degree – Early Childhood Education

The objective of this pathway is to prepare students for transfer to a baccalaureate degree in Early Childhood Education at a four-year college or university. For certification the State of Connecticut requires students to choose an area of concentration such as: English, History, Mathematics, Psychology, Science or Social Studies. Upon completing this pathway, students can receive an **Associate's Degree in Early Childhood Education**.

Advisor: Linda Day, lday@nwcc.commnet.edu, 860-738-6305

General Education Requirements			
	ENG* 101	Composition	3
Literature or Communication	ENG* 102	Literature & Composition	3
Behavioral Science	PSY* 111	General Psychology I	3
Humanities/Arts	ENG* 114	Children's Literature	3
Mathematics	MAT* 137	Intermediate Algebra	3
Natural/Physical Science		Natural/Physical Science Elective ¹	3 (4)
Social Science		Social Science Elective ²	3
Liberal Arts	PSY* 204	Child & Adolescent Psychology	3
			24 (25)
Program Requirements			
		Elective ¹	3
	PSY* 260	Psych of the Exceptional Child	3
	HPE*	HPE Elective	2
			8
Specialized Program Requirements			
	ECE* 101	Intro to Early Childhood Education	3
	ECE* 103	Creative Experiences for Children	3
	ECE* 106	Music and Movement for Children	3
	ECE* 109	Science and Math for Children	3
	ECE* 176	Health, Safety and Nutrition	3
	ECE* 210	Observation, Participation & Seminar	3
	ECE* 222	Methods and Techniques in ECE	3
	ECE* 231	Early Language & Literacy	3
	ECE* 290	Student Teaching I	3
	ECE* 291	Student Teaching II	3
			30
		Total	62 (63)

¹ Electives should be chosen with your advisor.
² HIS* 201 recommended.

[Transfer Express Logo]

Program Outcomes

The General Education component in all programs of study at NCCC, including the General Studies degree programs, encompass the following competency or knowledge-based learning outcomes:

1. Critical thinking skills.
2. Effective verbal, written, oral and visual communication skills.
3. Familiarity with multiple areas of traditional knowledge supporting intellectual excellence and openness.
4. Integrated studies among disciplines.
5. Commitment to social accountability and responsibility.
6. Awareness of the world at large.
7. Information literacy.
8. Values lifelong learning.

Additional information for students wishing to become teachers:

In addition to completing the required courses, students will need to pass the PRAXIS I exam and must have 30 hours of documented experience working with children. They will also need to meet the admissions requirements for the School of Education at the transfer institution; these vary from institution to institution.

It is very important that students pursuing this pathway enroll in the Transfer Express Program and work closely with their advisor.

Students should be aware that most baccalaureate degree programs which offer certification in education require a total of 130 or more credits of study including at least one semester of full-time student teaching during your last year at the four-year institution.

SPECIAL TRANSFER PROGRAMS

ELEMENTARY EDUCATION TEACHING CAREERS TRANSFER PATHWAY

Associate in Science Degree – General Studies

The objective of this pathway is to prepare students for transfer to a baccalaureate degree in Elementary Education at a four-year college or university. At the community college level, students will focus on completing their general education requirements and on completing the first two years of study in their chosen major. The State of Connecticut requires students to choose a major in a subject area such as: English, Science, Mathematics, History or Social Studies. Upon completing this pathway, students can receive an **Associate's Degree in General Studies**.

Advisor: Sharon Gusky, sgusky@nwcc.commnet.edu, 860-738-6395
Dr. Keith Adams, kadams@nwcc.commnet.edu, 860-738-6301

General Education Requirements			
	ENG* 101	Composition	3
Literature or Communication	ENG* 102	Literature & Composition	3
Behavioral Science	PSY* 111	General Psychology I	3
Humanities/Arts		Humanities or Arts Elective	3
Mathematics	MAT* 137	Intermediate Algebra	3
Natural/Physical Science	EVS* 100	Introduction to Environmental Science	3
Social Science		Social Science Elective	3
Liberal Arts	PSY* 201	Lifespan Development	3
			24
Program Requirements			
	HIS* 201 HIS* 202	U.S. History I OR U.S. History II	3
	CSC* 102	Introduction to Computer Science	3
	COM* 173	Public Speaking	3
			9
Specialized Program Requirements			
	MAT*	Mathematics Elective ¹	3
	BIO*	Biology Lab Science Elective	4
	ENG*	200 level English Literature Elective	3
		Social Science Elective	3
		Directed Elective ¹	3
		Directed Elective ¹	3
		Directed Elective ¹	3
		Directed Elective ¹	3
		Directed Elective ¹	3
			28
		Total	61
¹ Directed Electives in your subject area should be chosen with your advisor.			

[Transfer Express Logo]

Program Outcomes

The General Education component in all programs of study at NCCC, including the General Studies degree programs, encompass the following competency or knowledge-based learning outcomes:

1. Critical thinking skills.
2. Effective verbal, written, oral and visual communication skills.
3. Familiarity with multiple areas of traditional knowledge supporting intellectual excellence and openness.
4. Integrated studies among disciplines.
5. Commitment to social accountability and responsibility.
6. Awareness of the world at large.
7. Information literacy.
8. Values lifelong learning.

Additional information for students wishing to become teachers:

In addition to completing the required courses, students will need to pass the PRAXIS I exam and must have 30 hours of documented experience working with children. They will also need to meet the admissions requirements for the School of Education at the transfer institution; these vary from institution to institution.

It is very important that students pursuing this pathway enroll in the Transfer Express Program and work closely with their advisor.

Students should be aware that most baccalaureate degree programs which offer certification in education require a total of 130 or more credits of study including at least one semester of full-time student teaching during your last year at the four-year institution.

SPECIAL TRANSFER PROGRAMS

SECONDARY EDUCATION TEACHING CAREERS TRANSFER PATHWAY

Associate in Science Degree - Liberal Arts & Studies

The objective of this pathway is to prepare students for transfer to a baccalaureate degree in Secondary Education at a four-year college or university. At the community college level, students will focus on completing their general education requirements and on completing the first two years of study in their chosen major. The State of Connecticut requires students to choose a major in a subject area such as: English, Science, Mathematics, History, Social Studies or Foreign Languages. Upon completing this pathway, students can receive an **Associate's Degree in Liberal Arts & Sciences**.

Advisor: Sharon Gusky, sgusky@nwcc.commnet.edu, 860-738-6395
Dr. Keith Adams, kadams@nwcc.commnet.edu, 860-738-6301

General Education Requirements			
	ENG* 101	Composition	3
Literature or Communication	ENG* 102	Literature & Composition	3
Behavioral Science	PSY* 111	General Psychology I	3
Humanities/Arts		Humanities or Arts Elective	3
Mathematics	MAT*	Mathematics Elective (above MAT* 137)	3 (4)
Natural/Physical Science		Lab Science Elective	4
Social Science		Social Science Elective	3
Liberal Arts	PS* 201	Lifespan Development	3
			24 (25)
Program Requirements			
	PHL*	Philosophy Elective	3
	HIS* 201 HIS* 202	U.S. History I OR U.S. History II	3
		Lab Science Elective	4
			10
Specialized Program Requirements			
		Social Science Elective ²	3
	ENG*	English Literature Elective (200 level or higher)	3
	COM* 173	Public Speaking	3
	CSC* 102	Introduction to Computer Science	3
		Directed Elective ¹	3
		Directed Elective ¹	3
		Directed Elective ¹	3
		Directed Elective ¹	3
		Directed Elective ¹	3
			27
		Total	61 (62)

¹ Directed Electives in your subject area should be chosen with your advisor.

² Economics or History recommended

Students should be aware that most baccalaureate degree programs which offer certification in education require a total of 130 or more credits of study including at least one semester of full-time student teaching during your last year at the four-year institution.

[Transfer Express Logo]

Program Outcomes

The General Education component in all programs of study at NCCC, including the General Studies degree programs, encompass the following competency or knowledge-based learning outcomes:

1. Critical thinking skills.
2. Effective verbal, written, oral and visual communication skills.
3. Familiarity with multiple areas of traditional knowledge supporting intellectual excellence and openness.
4. Integrated studies among disciplines.
5. Commitment to social accountability and responsibility.
6. Awareness of the world at large.
7. Information literacy.
8. Values lifelong learning.

Additional information for students wishing to become teachers:

In addition to completing the required courses, students will need to pass the PRAXIS I exam and must have 30 hours of documented experience working with children. They will also need to meet the admissions requirements for the School of Education at the transfer institution; these vary from institution to institution.

It is very important that students pursuing this pathway enroll in the Transfer Express Program and work closely with their advisor.

SPECIAL TRANSFER PROGRAMS

FORENSIC SCIENCE TRANSFER PATHWAY Associate in Science Degree – General Studies

The **Forensic Science Transfer** Pathway is NOT a program but a selection of courses for those students who wish to transfer into a forensic science program at a four-year institution. Upon completion of recommended science, criminal justice and general education courses, students in this pathway will receive an **Associate's Degree in General Studies**.

The forensic sciences form a vital part of the criminal justice system. Some of the different divisions of forensic science have become identified primarily with law enforcement – an image enhanced by television and movies. This is misleading because forensic scientists are involved in all aspects of criminal cases. The forensic scientist's goal is the evenhanded use of all available information to determine facts, and subsequently, the truth.

The forensic scientist's role in the civil justice arena is expanding. Issues range from questions of the validity of a signature on a will, to a claim of product liability, to questions of whether a corporation is complying with environmental laws, and the protection of constitutionally guaranteed individual rights. Forensic science is a rewarding career where the love of science can be applied to the good of society, public health and public safety.

Advisor: Barry D'Onofrio, bdonofrio@nwcc.commnet.edu, 860-738-6389

General Education Requirements			
	ENG* 101	Composition	3
Literature or Communication	ENG* 102	Literature & Composition	3
Behavioral Science	PSY* 111	General Psychology I OR	3
Humanities/Arts	ART*	Art Elective ¹	3
Mathematics	MAT* 186	Precalculus	4
Natural/Physical Science	BIO* 121	General Biology I	4
Social Science		Social Science Elective	3
Liberal Arts	COM* 173	Public Speaking	3
			26
Program Requirements			
	BIO* 115 BIO* 235	Human Biology OR Microbiology	4
	CHE* 121	General Chemistry I	4
	CHE* 122	General Chemistry II	4
	CJS* 101	Introduction to Criminal Justice	3
	CJS* 211	Criminal Law I	3
	CJS* 213	Evidence & Criminal Procedures	3
	CJS* 220	Criminal Investigation	3
	CJS* 225	Forensic Science	3
	HIS* 102	Western Civilization II	3
	PHL*	Philosophy Elective ²	3
		Computer Science Elective	3
			36
		Total	62
¹ ART* 101 – Art History I or ART* 102 – Art History II recommended.			
² PHL* 111 – Ethics recommended			

[Transfer Express Logo]

Program Outcomes

Upon successful completion of all program requirements, graduates should be able to:

1. Understand and employ methods of processing physical evidence from crime scenes.
2. Promote comprehension of the importance of the forensic science laboratory and its role in law enforcement.
3. Create an awareness of the recognition, collection, preservation and evaluation of physical evidence.
4. Expose students to the latest physical and chemical testing methods and show each method's value in varied situations.

SPECIAL TRANSFER PROGRAMS

THE COLLEGE OF TECHNOLOGY

The Connecticut College of Technology is an innovative program leading to a Bachelor of Science degree in engineering or technology. After completing the AS degree in Engineering Science students may follow the pathway directly into the University of Connecticut with no loss of credit. The Associate in Science degree in Technological Studies leads directly into engineering and technology programs at other private and public universities. Students considering enrollment in these programs should discuss their goals with an appropriate academic advisor.

This program is designed for entry to Central Connecticut State University's School of Technology or Charter Oak State College. The "Technological Studies Pathway" consists of courses which provide the foundation for: 1) a Bachelor of Science Degree from Central Connecticut State University in Engineering Technology, Industrial Technology, or Technology Education; 2) a Bachelor of Science Degree from Charter Oak State College.

A minimum course grade of "C" is required and completion of the program of study is required for continuing as a junior at CCSU's School of technology or at Charter Oak. As of 2002, a reverse articulation agreement with CCSU allows students to complete their entire technology concentration (up to 39 technology credits) at a community college and apply the credits toward the B.S. in Industrial Technology at CCSU.

There are several options that consist of 4-5 specialized courses that are designated at community colleges. These include Integrator Technician, Electrical Contractors, Industrial Electronics, Precision Machining, Waste Water Technician, and industrial Diagnostics

Advisor: Dr. Keith Adams, kadams@nwcc.commnet.edu, 860-738-6301

INDUSTRIAL TECHNOLOGY OPTION

ENGINEERING TECHNOLOGY OPTION

General Education Requirements			General Education Requirements		
ENG* 101	Composition	3	ENG* 101	Composition	3
ENG* 102	Literature & Composition	3	ENG* 102	Literature & Composition	3
COM* 173	Public Speaking	3	COM* 173	Public Speaking	3
HIS*	History Elective	3	HIS*	History Elective	3
ECN* 101	Principles of Macroeconomics	3		<i>Technical Writing</i>	3
PHL*	Philosophy Elective OR Fine Arts Elective OR		PHL*	Philosophy Elective OR Fine Arts Elective OR	
ENG*	English Literature Elective	6	ENG*	English Elective	6
GEO*	Geography Elective OR		ECN*	Economics Elective OR	
POL*	Political Science Elective OR		GEO*	Geography Elective OR	
HIS*	History Elective	3	POL*	Political Science Elective OR	
PSY*	Psychology Elective OR		HIS*	History Elective	3
SOC*	Sociology Elective	3	ANT*	Anthropology Elective OR	
			PSY*	Psychology Elective OR	
			SOC*	Sociology Elective	3
		27			27
Program Requirements			Program Requirements		
CHE* 111	Concepts of Chemistry	4	CHEM* 111	Concepts of Chemistry	4
PHY* 110	Introductory Physics	4	PHY* 121	General Physics I	4
MAT* 167	Statistics with Technology	3	PHY* 122	General Physics II	4
MAT* 186	Precalculus	4	MAT* 167	Statistics with Technology	3
		15	MAT* 186	Precalculus	4
			MAT* 254	Calculus I	4
			MAT* 256	Calculus II	4
					27
Specialized Program Requirements			Specialized Program Requirements		
ENGR 110	Introduction to CAD	3	ENGR 110	<i>Introduction to CAD</i>	3
CSC* 102	Introduction to Computer Science	3	CSC* 102	Introduction to Computer Science	3
	<i>Technical Writing</i>	3	CSC* 219	C Programming	3
BMG* 202	Principles of Management	3		<i>Applied Mechanics (Statics)</i>	3
	<i>Directed Elective</i>	3		<i>Applied Mechanics (Dynamics)</i>	3
	<i>Directed Elective</i>	3		<i>Intro to ET/Engineering</i>	3
	<i>Directed Elective</i>	3			
	<i>Directed Elective</i>	3			
		24			
	Total	66		Total	18
					72

SPECIAL TRANSFER PROGRAMS

Courses in italics are currently NOT offered at NCCC.