DISCOVERY CORE
THE CORE CURRICULUM FOR 21ST CENTURY CAREERS
“This course challenged me to think outside the box.”

“This course made me think more about my surroundings and look at the world and the universe in a different way.”

“I was challenged in public speaking.”

“I liked debating and engaging with my classmates.”

“I learned how to think critically.”

NYIT Student Comments, Fall 2011
Foundations of Scientific Process

DISCOVERY CORE
THE CORE CURRICULUM FOR 21ST CENTURY CAREERS
EMPLOYERS IN THE 21st CENTURY WANT PROFESSIONALS WHO WILL GROW WITH THEIR BUSINESSES. NYIT DISCOVERY CORE COURSES BUILD LIFELONG CAREER SKILLS SUCH AS CRITICAL THINKING, GLOBAL AWARENESS, AND PROFESSIONAL WRITING THAT WILL HELP STUDENTS ADVANCE IN THEIR FIELDS.

NYIT CORE COURSES: 36 CREDITS
- FOUNDATIONS OF INQUIRY
- FOUNDATIONS OF SCIENTIFIC PROCESS
- FOUNDATIONS OF SPEECH AND COMMUNICATION
- FOUNDATIONS OF COLLEGE COMPOSITION
- FOUNDATIONS OF RESEARCH WRITING
- BEHAVIORAL SCIENCE SEMINAR (CHOICE)
- PHILOSOPHY SEMINARS (CHOICE)
- SOCIAL SCIENCE SEMINAR (CHOICE)
- LITERATURE SEMINAR (CHOICE)
- MATH (CHOICE)
- SCIENCE (CHOICE)
- FOUNDATIONS OF PROFESSIONAL COMMUNICATION (CHOICE)

NYIT CORE COURSES BUILD CAREER SKILLS:
- RESEARCH REPORTS
- PROFESSIONAL WRITING
- PROFESSIONAL SPEAKING
- CRITICAL THINKING
- GLOBAL AWARENESS
- SCIENTIFIC LITERACY
- DATA ANALYSIS
- CREATIVE THINKING
- PROBLEM SOLVING
Every profession now demands extensive writing and speaking. Whether presenting to a large group or interviewer, writing memos, preparing long-term plans, or just sending email, professionals are judged by how effectively and professionally they communicate.

NYIT understands this new reality, and for this reason requires extensive writing and speaking in the following Core classes:

- Foundations of Speech and Communication
- Foundations of College Composition
- Foundations of Research Writing
- Foundations of Professional Communication (choice)

Valuable Career Skills:
- Research Reports
- Professional Writing
- Professional Speaking
- Critical Thinking
FOUNDATIONS OF INQUIRY

Technology is at the heart of 21st Century careers and society. Individuals who think critically about technology and understand its wider impact will prosper in their careers.

Foundations of Inquiry (FCIQ 101) students in the coming year (2012-2013) will explore the ways technology is changing their lives. They will come to see how university research, and critical thinking generally, contributes to a deeper and more critical approach to technology across many academic fields.

This broader understanding will help them as they choose the right technologies for themselves, their employers, and their families.

VALUABLE CAREER SKILLS

CRITICAL THINKING
GLOBAL AWARENESS
CREATIVE THINKING
TEAMWORK
FRAMING QUESTIONS
“This course forced us to think like scientists.”

NYIT Student
Fall 2011

FOUNDATIONS OF SCIENTIFIC PROCESS

The 21st Century demands scientific literacy. Not only are humans faced with major social questions related to science (such as biotechnology and climate change), but many careers now demand rigorous testing of hypotheses, data, and methodology. Professionals in many fields need to be able to weigh the findings from various research studies to make the right technical decisions.

Foundations of Scientific Process introduces the scientific process as a key tool for exploring both scientific and technological dilemmas. Those who understand the scientific process will be able to use these methods in any career they may choose.

VALUABLE CAREER SKILLS

PROBLEM SOLVING
CRITICAL THINKING
SCIENTIFIC LITERACY
DATA ANALYSIS
Learning is a lifelong process. Tomorrow’s leaders are people who keep up with broader changes in society and culture. NYIT seminars directly engage students in topics that interest them. Students pick at least one seminar in each of the four areas.

All seminars feature fascinating content and continue to develop career skills.

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**NYIT Seminars**

NYIT seminars directly engage students in topics that interest them. Students pick at least one seminar in each of the four areas.

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**Behavioral Science Seminars**
- ICBS-301 Cross Cultural Dating
- ICBS 302 Intergroup Relations
- ICBS-303 Dynamics of Violence
- ICBS-305 Gender Identity
- ICBS-306 Real New York
- ICBS-307 Documentary Photography
- ICBS 308 Parenting and Culture
- ICBS-309 Anthropology of Health

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**Valuable Career Skills**

IN-DEPTH RESEARCH

PROFESSIONAL WRITING

PROFESSIONAL SPEAKING

CRITICAL THINKING

GLOBAL AWARENESS

CREATIVE THINKING
The Discovery Core is administered by the College of Arts and Sciences.

Questions and concerns about the Discovery Core should be directed to:
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http://www.nyit.edu/arts_and_sciences/core_curriculum
or scan with your mobile device: