

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
NATIONAL TECHNICAL UNIVERSITY OF UKRAINE
“IGOR SIKORSKY KYIV POLYTECHNIC INSTITUTE”

APPROVED

Academic Council of NTUU “Igor
Sikorsky Kyiv Polytechnic Institute”
(meeting protocol

Chairman of the Academic Council
_____ Mykhaylo ILCHENKO

INTERNATIONAL ECONOMICS

EDUCATIONAL PROFESSIONAL PROGRAM

second (master's) level of higher education

in specialty

051 Economics

Areas of knowledge

05 Social and behavioral sciences

Qualification

Master of Economics

Entered into force by Order of the
Rector
of NTUU “Igor Sikorsky Kyiv
Polytechnic Institute”
from

DEVELOPED by the project team:

Project team leader:

Korohodova Olena Ph.D., associate professor, Department of International Economics

Project team members:

Voitko Serhii, Doctor of Economics, Professor, Head of the Department of International Economics

Chernenko Natalya, Ph.D., associate professor, Department of International Economics

Kukharuk Anna, Ph.D., associate professor, Department of International Economics

Hlushchenko Yaroslava, Ph.D., associate professor, Department of International Economics

Skorobogatova Natalia, Ph.D., associate professor, Department of International Economics

The Department of International Economics is responsible for the training of higher education students in the educational program

AGREED:

Scientific and Methodical Council of Speciality 051 "Economics" Igor Sikorsky Kyiv Polytechnic Institute

*Head of the Scientific and Methodical Council of Speciality _____ Serhii Voitko
(meeting protocol*

Methodical Council Igor Sikorsky Kyiv Polytechnic Institute

Vice-rector _____ Anatolii Melnychenko

(meeting protocol №

CONTENT

1. EDUCATIONAL PROGRAM PROFILE	4
2. EDUCATIONAL PROGRAM COMPONENTS LIST	10
3. EDUCATIONAL PROGRAM STRUCTURAL AND LOGICAL SCHEME	11
4. GRADUATE CERTIFICATION FORM OF HIGHER EDUCATION APPLICANTS	12
5. CONFORMITY MATRIX OF SOFTWARE COMPETENCIES TO THE COMPONENTS OF THE EDUCATIONAL PROGRAM	13
6. MATRIX OF PROVIDING PROGRAM LEARNING RESULTS BY RELEVANT COMPONENTS OF THE EDUCATIONAL PROGRAM	

INCLUDED:

1. Approved standard of higher education in specialty 051 Economics (order of the Ministry of Education and Science №382 from 04.03.2020).
2. Regulations on the development, approval, monitoring and review of educational programs of Igor Sikorsky Kyiv Polytechnic Institute (put into effect by order of 07.04.2020 №7 / 70).
4. Comments and suggestions of stakeholders on the results of the discussion:
 - scientific and pedagogical workers;
 - applicants for higher education;
 - representatives of student government;
 - representatives of employers:

The following people took part in the development of the program:

Eugene Novakivsky, Technical Director of the Center for Resource Efficient Production;
Khmilevska Anastasia Oleksandrivna, applicant for higher education, Igor Sikorsky Kyiv Polytechnic Institute;
Zrobok Oleksiy Olehovych, applicant for higher education, Igor Sikorsky Kyiv Polytechnic Institute.

Reviews and feedback from stakeholders are attached.

The educational and professional program "International Economics" was discussed and changed after receiving all the wishes and suggestions from employers and graduates of Igor Sikorsky Kyiv Polytechnic Institute, approved at the meeting of the Department of International Economics № 6 on December 8, 2021.

1. EDUCATIONAL PROGRAM PROFILE in the specialty 051 Economics

1 – General information

Full name of the higher education institution and institute / faculty	National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute” Faculty of Management and Marketing
Degree of higher education and title of qualification in the original language	Degree HE - Master of Economics Educational qualification - Master of Economics in the EPP "International Economics"
The official name of the EP	International Economics
Type of diploma and scope of EP	Master's degree, single, 90 ECTS credits term of study 1 year 4 months
Accreditation availability	НД № 1192609
Program cycle / level	National Qualifications Framework of Ukraine – the 7 level QF-EHEA – the second cycle EQF-LLL – the 7 level
Precondition	Bachelor's degree
Language teaching	Ukrainian /English
Validity of the EP	Till 01.07.2025 p.
Internet address of the of educational program permanent placement	fmf@kpi.ua http://ied.kpi.ua/uk/main/osvita.kpi.ua

2 – The purpose of the educational program

Training of highly qualified economic specialists with modern economic thinking, theoretical knowledge and applied skills, able to solve complex research, innovation and management problems and problems of functioning of economic systems of different levels, characterized by uncertainty of conditions and requirements.

3 – Characteristics of the educational program

Subject area	<p><i>Object of study and / or activity:</i> modern economic processes and phenomena, scientific methods of normative, quantitative and institutional analysis, tools for the formation of international, national, regional, sectoral economic policy and business economics.</p> <p><i>Learning objectives:</i> training of highly qualified professionals in economics who have modern economic thinking, theoretical knowledge and applied skills, able to solve complex research, innovation and management problems and problems of functioning of economic systems of different levels, characterized by uncertainty of conditions and requirements. Theoretical content of the subject area: general laws and trends of economic development, motivation and behavior of market participants; theories of micro-, macro- and international economics; modern quantitative methods of analysis of economic processes; institutional and interdisciplinary analysis; patterns of modern socio-economic processes; theories of economic management for different production systems and sectors of the economy.</p> <p><i>Methods, techniques and technologies:</i> general scientific and specific methods of cognition and research; mathematical, statistical, qualitative methods of economic analysis; sociological, expert evaluation, questionnaires; economic and mathematical modeling of forecasting; information and communication technologies, special software; research</p>
--------------	---

	<p>methods and presentation of research results.</p> <p><i>Tools and equipment:</i> modern information and communication equipment, information systems and software products used in economic activity</p>
Orientation of the EP	Educational and professional
The main focus of the EP	<p>The program is based on well-known scientific provisions, general laws and trends of economic development, scientific methods of normative, quantitative and institutional analysis, tools for the formation of international, national, regional, sectoral economic policy and enterprise economics.</p> <p>Key words: corporate economy, global economy, sectoral economy, economics of foreign economic activity, economic management, anti-crisis management, economic diagnostics, competitive advantages of an enterprise, finance, intellectual property, justification of management decisions, innovation.</p>
Features of the EP	The implementation of the program provides for the involvement of professional practitioners, industry experts, representatives of employers in classroom training

4 – The suitability of graduates for employment and further education

Employability	<p>Graduates can work at enterprises of any organizational and legal form in positions (according to the classifier of professions of Ukraine DK 003:2010):</p> <p>2419.2 Professionals in Marketing, Business Efficiency, Industrial Rationalization, Intellectual Property: Professional in Economic Cybernetics. Specialist in ecological modeling of economic systems. Business Performance Consultant</p> <p>2441. Professionals in Economics Junior Research Fellow (Economics). Research Fellow (Economics). Research Fellow-Consultant (Economics)</p> <p>According to the International Standard Classification of Occupations 2008, graduates can work in positions corresponding to the groups</p> <p>12 Administrative and commercial managers</p> <p>121 Business services and administration managers</p> <p>33 Business and administration associate professionals in Intern. comers</p> <p>332 International Sales and purchasing agents and brokers.</p>
Further education	Continuing education at the third (educational and scientific) level of higher education and / or acquiring additional qualifications in the adult education system.

5 – Teaching and evaluation

Teaching and learning	<p>The general learning style is task-oriented. Teaching is carried out in the form of: lectures, practical classes, computer workshops, independent work with the ability to consult with a teacher, course work, individual tasks, practice, the use of information and communication technologies (e-learning, online lectures, distance courses) for individual educational components , performance of qualifying work. All participants in the educational process are provided with timely and understandable information regarding the goals, content and programmatic results of training, the procedure and criteria for assessment.</p>
Assessment	<p>The current and semester control and defense of the qualifying work are assessed in accordance with certain criteria of the Rating assessment system. Also, the assessment of students' knowledge is carried out in accordance with the Regulations of the assessment learning system of outcomes at Igor Sikorsky Kyiv Polytechnic Institute for all types of classroom and extracurricular work (current, calendar, semester control, oral and written exams, tests.</p>

6 – Program competencies	
Integral competence	The ability to identify and solve complex economic tasks and problems, make appropriate analytical and managerial decisions in the field of economics or in the learning process, provides for research and / or innovation under uncertain conditions and requirements.

General competences (GC)

GC 1	The ability to generate new ideas (creativity).
GC 2	The ability to abstract thinking, analysis, synthesis.
GC 3	The ability to motivate people and move towards a common goal.
GC 4	The ability to communicate with representatives of other professional groups of different levels (with experts from other fields of knowledge/types of economic activity).
GC 5	The ability to work as a part of a team.
GC 6	The ability to develop and manage projects.
GC 7	The ability to act on ethical reasons (motives).
GC 8	The ability to conduct research at the appropriate level.

Professional competences of specialty (PC)

PC 1	The ability to use scientific, analytical, methodological tools to substantiate the strategy of development of economic actors and related management decisions.
PC 2	The ability to communicate professionally in the field of economy in a foreign language.
PC 3	The ability to collect, analyze and process statistical data, scientific and analytical materials, which are necessary for solving complex economic problems, to draw on their basis reasonable conclusions.
PC 4	The ability to use modern information technologies, methods and techniques of research of economic and social processes, adequate to the established needs of research.
PC 5	The ability to identify key trends in social and economic and human development.
PC 6	The ability to formulate professional tasks in the field of economy and solve them, choosing the right directions and appropriate methods for their solution, taking into account the available resources.
PC 7	The ability to substantiate management decisions on effective development of business entities.
PC 8	The ability to assess possible risks, social and economic consequences of management decisions.
PC 9	The ability to apply scientific approach to the formation and implementation of effective projects in the socio-economic sphere.
PC 10	The ability to develop scenarios and strategies for the development of socio-economic systems.
PC 11	The Ability to apply scientific, analytical, methodological tools to the management of intellectual capital; have knowledge of the specifics of legal protection, ways of commercialization and protection of the right to intellectual capital.

7 – Program study results

Training results

TR 1	To formulate, analyze and synthesize solutions to scientific and practical problems.
TR 2	To develop, justify and make effective decisions on the development of socio-economic systems and management of economic entities.
TR 3	To communicate fluently on professional and scientific issues in state and foreign languages in speaking and writing.
TR 4	To develop socio-economic projects and a system of comprehensive actions for their implementation, considering their goals, expected socio-economic consequences, risks, legislative, resource and other constraints.
TR 5	Adhere to the principles of academic integrity.
TR 6	To evaluate the results of their own work, demonstrate leadership skills and ability to

	manage staff and work in a team.
TR 7	To choose effective methods of the economic activity management, to substantiate the suggested decisions on the basis of relevant data and scientific and applied researches.
TR 8	To collect, process and analyze statistical data, scientific and analytical materials needed to solve complex economic problems.
TR 9	To make the effective decisions under uncertain conditions requiring the application of new approaches, methods, and tools for socio-economic research.
TR 10	To apply modern information technologies and specialized software in socio-economic research and in management of socio-economic systems.
TR 11	To identify and critically assess the state and trends of socio-economic development, form and analyze models of economic systems and processes.
TR 12	To justify management decisions for effective business development, taking into account goals, resources, constraints and risks.
TR 13	To assess probable risks, socio-economic consequences of management decisions.
TR 14	To develop scenarios and strategies for the development of socio-economic systems
TR 15	To develop, justify and make effective decisions on intellectual capital management, as well as tools, methods for developing strategies for managing intellectual property of the enterprise.

8 – Resource support for program implementation

Staff assistance	According with the staffing requirements for educational activities for the relevant level of HE (Annex 2 to the License Terms), approved by the Resolution of the Cabinet of Ministers of Ukraine dated 30.12.2015 № 1187 as amended in accordance with the Resolution of the Cabinet of Ministers of Ukraine №347 from 10.05.2018.
Material and technical support	According with the technological requirements for logistics of educational activities of the relevant level of HE (Annex 4 to the License Terms), approved by the Resolution of the Cabinet of Ministers of Ukraine dated 30.12.2015 № 1187 as amended in accordance with the Resolution of the Cabinet of Ministers of Ukraine № 347 dated 10.05.2018. Use of equipment: training rooms with multimedia projectors, computer equipment with appropriate software.
Information and methodological support	According with the technological requirements for educational and methodological support of educational activities of the relevant level of HE (Annex 5 to the License Conditions), approved by the Cabinet of Ministers of Ukraine dated 30.12.2015 № 1187 as amended in accordance with the Resolution Of the Cabinet of Ministers of Ukraine №347 dated 10.05.2018. Use of the Scientific and Technical Library of KPI named after Igor Sikorsky

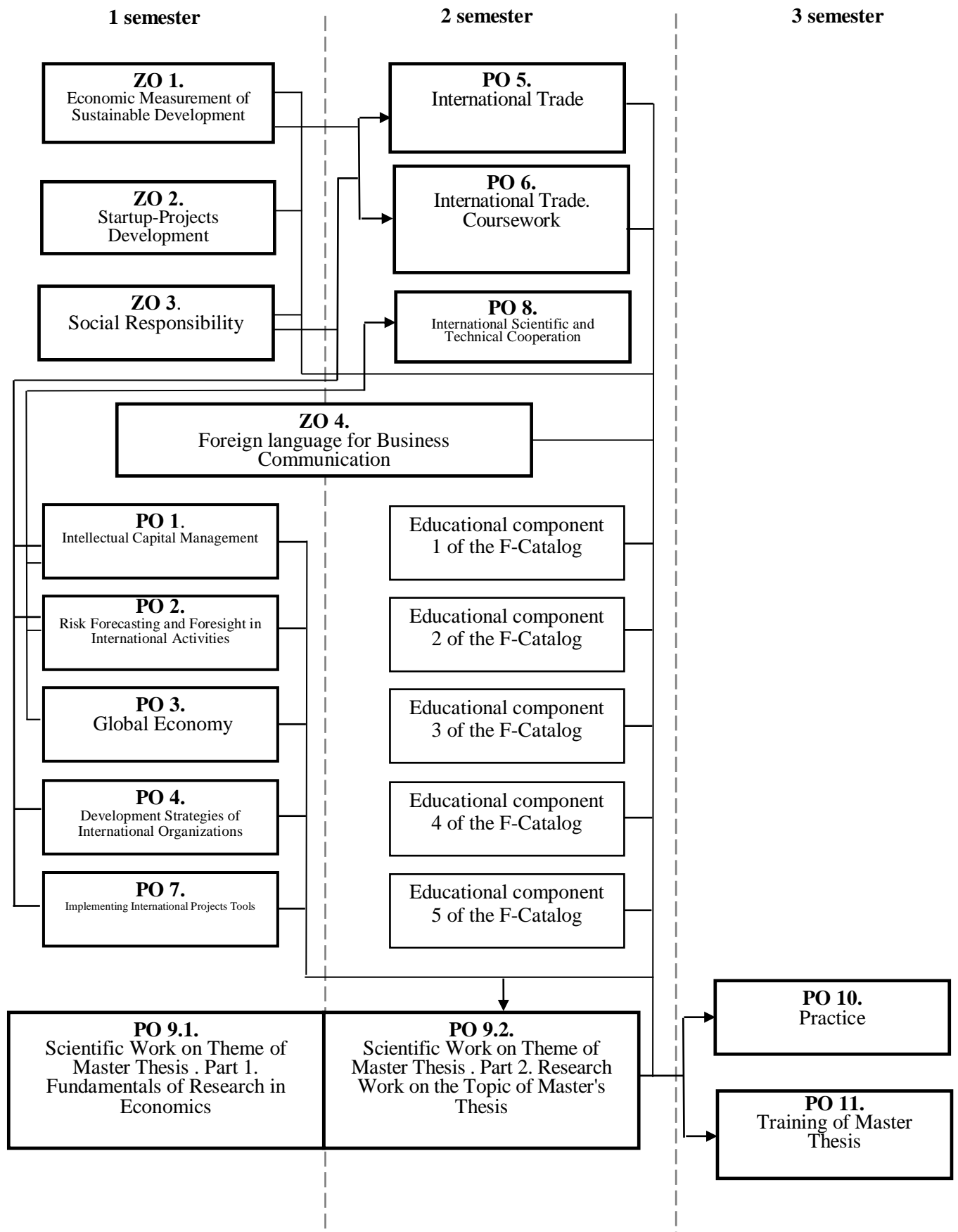
9 – Academic mobility

National credit mobility	Opportunity for concluding relevant agreements
International credit mobility	Erasmus +, Eurasia
Training of foreign applicants	Training based on proficiency in Ukrainian - training in general groups, or in separate groups with lecturing in English

2. COMPONENTS LIST OF THE EDUCATIONAL PROGRAM

Code	Components of the educational program (disciplines, course projects / works, practice, qualification work)	Number of ECTS credits	Form of final control
1. Compulsory educational components			
1.1. General training cycle			
ZO 1	Economic Measurement of Sustainable Development	2	Test
ZO 2	Startup-Projects Development	3	Test
ZO 3	Social Responsibility	3,5	Test
ZO 4	Foreign language for Business Communication	3	Test
1.2. Vocational training cycle			
PO 1	Intellectual Capital Management	3	Test
PO 2	Risk Forecasting and Foresight in International Activities	3	Test
PO 3	Global Economy	4	Exam
PO 4	Development Strategies of International Organizations	4	Exam
PO 5	International Trade	4	Exam
PO 6	International Trade. Coursework	1	Test
PO 7	Implementing International Projects Tools	4	Test
PO 8	International Scientific and Technical Cooperation	3	Test
PO 9.1	Scientific Work on Theme of Master Thesis . Part 1. Fundamentals of Research in Economics	2	Test
PO 9.2	Scientific Work on Theme of Master Thesis . Part 2. Research Work on the Topic of Master's Thesis	2	Test
PO 10	Practice	14	Test
PO 11	Training of Master Thesis	12	defence
2. Optional educational components			
2.1. Vocational training cycle (Optional subjects from Faculty catalogue)			
PB 1	Educational component 1 of the F-Catalog	4.5	Test
PB 2	Educational component 2 of the F-Catalog	4.5	Test
PB 3	Educational component 3 of the F-Catalog	4.5	Test
PB 4	Educational component 4 of the F-Catalog	4,5	Test
PB 5	Educational component 5 of the F-Catalog	4.5	Test
TOTAL IN COMPULSORY educational components:		67.5	
TOTAL IN SELECTIVE educational components:		22.5	
The amount of educational components that ensure the certain acquisition competencies at SHE		67.5	
TOTAL OF THE EDUCATIONAL PROGRAM		90	

3. STRUCTURAL AND LOGICAL SCHEME OF THE EDUCATIONAL PROGRAM



4. FORM OF GRADUATE CERTIFICATION OF HIGHER EDUCATION APPLICANTS

Certification forms of higher education applicants	Graduation certification of applicants under the educational program "International Economics" specialty 051 "Economics" is conducted in the form of public defense of the qualification work. Qualification work is checked for plagiarism and after defense is placed in the repository of STL (scientific and technical library) University for free access. Publication of qualification works containing information with limited access should be carried out in accordance with the requirements of current legislation. The final attestation is completed by the issuance a standard document of master's degree award with qualification: Master of Economics, graduation with Educational and Professional program -"International Economics".
Requirements for qualification work	Qualification work (performed in the form of a master's thesis) should provide the ways of solving a complex specialized problem or practical problem in the field of international economics using theories and methods of economics. There can be no academic plagiarism, falsification or writing off in the qualification work.

5. MATRIX OF CONFORMITY A PROGRAM COMPETENCIES TO THE COMPONENTS OF THE EDUCATIONAL PROGRAM

	ZO 1	ZO 2	ZO 3	ZO 4	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9.1	PO 9.2	PO 10	PO 11
GC 1		+												+		+
GC 2													+	+	+	+
GC 3	+	+														
GC 4		+									+		+	+	+	
GC 5		+	+													
GC 6		+									+					+
GC 7	+		+											+		+
GC 8		+										+	+	+	+	+
PC 1								+						+	+	+
PC 2				+									+	+	+	+
PC 3													+	+	+	+
PC 4						+			+	+			+	+	+	+
PC 5	+						+					+	+	+	+	+
PC 6	+							+			+	+		+	+	+
PC 7		+			+									+	+	+
PC 8						+										+
PC 9		+											+	+	+	+
PC 10	+							+							+	+
PC 11		+			+										+	+

6. MATRIX OF PROVIDING PROGRAM LEARNING RESULTS BY RELEVANT COMPONENTS OF THE EDUCATIONAL PROGRAM

	ZO 1	ZO 2	ZO 3	ZO 4	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9.1	PO 9.2	PO 10	PO 11
TR 1							+	+			+		+	+	+	+
TR 2	+		+	+		+	+				+			+	+	+
TR 3		+	+	+	+		+				+		+	+	+	+
TR 4		+			+			+	+	+	+	+		+	+	+
TR 5			+			+	+						+	+		+
TR 6		+				+		+			+					
TR 7				+	+		+	+		+	+	+	+	+	+	+
TR 8	+							+					+	+	+	+
TR 9				+				+		+				+		+
TR 10				+				+		+			+	+	+	+
TR 11	+		+		+		+	+			+			+	+	+
TR 12	+	+	+		+		+	+						+	+	+
TR 13			+			+	+	+						+		+
TR 14	+		+			+	+	+						+	+	+
TR 15		+			+										+	