SYLLABUS

1. Data about the program of study

1.1	Institution	The Technical University of Cluj-Napoca
1.2	Faculty	Faculty of Machine Building
1.3	Department	Modern Languages and Communication
1.4	Field of study	Robotics (Instruction in English)
1.5	Cycle of study	Bachelor of Science
1.6	Program of study/Qualification	Robotics
1.7	Form of education	Full time
1.8	Subject code	

2. Data about the subject

2.1	Subject name			English			
2.2	Subject area			Foreign Languages			
2.3	Course responsible/lecturer			N/A			
2.4	Teachers in charge of seminars			Lect. Cecilia Policsek, Ph. D. Cecilia.Policsek@lang.utcluj.ro			
2.5 Year of study	1	2.6 Semester	1	2.7 Assessment	C	2.8 Subject category	DC, DOB

3. Estimated total time

3.1 Number of hours per week	2	3.2 of which, course:		3.3 applications:	2
3.4 Total hours in the curriculum	52	3.5 of which, course:		3.6 applications:	28
Individual study					hours
Manual, lecture material and notes, bibliography					
Supplementary study in the library, online and in the field					
Preparation for seminars/laboratory works, homework, reports, portfolios, essays					24
Tutoring					
Exams and tests					
Other activities					

3.7	Total hours of individual study	24
3.8	Total hours per semester	52
3.9	Number of credit points	2

4. Pre-requisites (where appropriate)

4.1	Curriculum	
4.2	Competence	Knowledge of general English minimum B1 CEFR

5. Requirements (where appropriate)

5.1	For the course	N/A
5.2	For the applications	Class attendance, individual study and homework completion

6. Specific competences

Professional competences	Improving the skills of using English in technical context; increasing the students' awareness in terms of the rules that govern effective communication in English; developing the students' ability to work in teams
Cross competences	Development of the students' ability to process academic information and prepare for their career; improved oral and written communication competence, which is to grant a better a better adjustment to a multicultural work environments; sharpening of the students' intercultural communication competence

7. Discipline objectives (as results from the *key competences gained*)

7.1	General objective	The students should gain knowledge and develop skills to communicate effectively in a foreign language in professional contexts
7.2	Specific objectives	At the end of this seminar, the students will be able to: --use key terms that belong to branches of technology of relevance to their specialization --master the grammar-related rules that ensure effective communication in academic and professional contexts --understand different types of technical documents --listen for detail in relation to conversations and talks on technical topics --speak and write about topics related to their specialization

8. Contents

8.2. Applications/Seminars		Teaching methods	Notes
1.	General introduction	Interactive teaching, working in pairs and groups, student projects, debates, focus on problem-solving approaches	
2.	Describing movement in a mechanism		
3.	Expressing numbers and quantities		
4.	Explaining the difference between products		
5.	Short reports and linking words		
6.	Student projects		
7.	Writing a short sequence		
8.	Compound nouns		
9.	Defining relative clauses		
10.	Giving clear instructions		
11.	Writing a short description		
12.	Phrasal verbs		

13.	Student projects		
14.	Final test		

Bibliography

Eisenbach, Iris (2011). *English for Materials Science and Engineering.* Exercises, Grammar, Case Studies. Viewveg+Teubner Verlag.

Glendinning, E. (2007). *Technology I*. Student's Book. Oxford: Oxford University Press.

Rogers, L. and J. Wilkin (2013). *Skillful Reading and Writing*. Student's Book. Oxford: Macmillan. English for Science and Engineering.

William, I. (2007). *English for Science and Engineering*. Thomson ELT.

9. Bridging course contents with the expectations of the representatives of the community, professional associations and employers in the field

The improvement of the students' ability to communicate in English in technical contexts is to ensure a successful adjustment to multicultural work environments.

10. Evaluation

Activity type	10.1 Assessment criteria	10.2 Assessment methods	10.3 Weight in the final grade
Course			
Applications		Final test + student projects	Final test: 50 % Student projects: 50%
10.4 Minimum standard of performance: satisfactory completion of at least 50% of the final test			

Date of filling in
October 3, 2016

Teachers in charge of seminars
Lect. Cecilia Policsek, Ph. D.

Date of approval in the department
October 5, 2016

Head of department
Assoc. Prof. Ruxanda Literat, Ph. D.

SYLLABUS

1. Data about the program of study

1.1	Institution	The Technical University of Cluj-Napoca
1.2	Faculty	Faculty of Machine Building
1.3	Department	Modern Languages and Communication
1.4	Field of study	Robotics (Instruction in English)
1.5	Cycle of study	Bachelor of Science
1.6	Program of study/Qualification	Robotics
1.7	Form of education	Full time
1.8	Subject code	

2. Data about the subject

2.1	Subject name			English			
2.2	Subject area			Foreign Languages			
2.3	Course responsible/lecturer			N/A			
2.4	Teachers in charge of seminars			Lect. Cecilia Policsek, Ph. D. Cecilia.Policsek@lang.utcluj.ro			
2.5 Year of study	1	2.6 Semester	2	2.7 Assessment	C	2.8 Subject category	DC, DOB

3. Estimated total time

3.1 Number of hours per week	2	3.2 of which, course:		3.3 applications:	2
3.4 Total hours in the curriculum	52	3.5 of which, course:		3.6 applications:	28
Individual study					hours
Manual, lecture material and notes, bibliography					
Supplementary study in the library, online and in the field					
Preparation for seminars/laboratory works, homework, reports, portfolios, essays					28
Tutoring					
Exams and tests					
Other activities					

3.7	Total hours of individual study	52
3.8	Total hours per semester	28
3.9	Number of credit points	2

4. Pre-requisites (where appropriate)

4.1	Curriculum	
4.2	Competence	Knowledge of general English minimum B1 CEFR

5. Requirements (where appropriate)

5.1	For the course	N/A
5.2	For the applications	Class attendance, individual study and homework completion

6. Specific competences

Professional competences	Improving the skills of using English in technical context; increasing the students' awareness in terms of the rules that govern effective communication in English; developing the students' ability to work in teams
Cross competences	Development of the students' ability to process academic information and prepare for their career; improved oral and written communication competence, which is to grant a better a better adjustment to a multicultural work environments; sharpening of the students' intercultural communication competence

7. Discipline objectives (as results from the *key competences gained*)

7.1	General objective	The students should gain knowledge and develop skills to communicate effectively in a foreign language in professional contexts
7.2	Specific objectives	At the end of this seminar, the students will be able to: --use key terms that belong to branches of technology of relevance to their specialization --master the grammar-related rules that ensure effective communication in academic and professional contexts --understand different types of technical documents --listen for detail in relation to conversations and talks on technical topics --speak and write about topics related to their specialization

8. Contents

8.2. Applications/Seminars		Teaching methods	Notes
1.	The compounds. Robots and Artificial Intelligence	Interactive teaching, working in pairs and groups, student projects, debates, focus on problem-solving approaches	
2.	The modal verbs. Making predictions. The future of Artificial Intelligence		
3.	The modal verbs. Robot doctors		
4.	The modal verbs. Robots and crime-fighting		
5.	Student projects		
6.	The adjective. Reading specifications		
7.	Qualifying and comparing. Traditional vs. intelligent solutions		
8.	Defining and classifying. Types of robots		
9.	The noun phrase. Suffixes and prefixes. Key terms for nanotechnology		

10.	Past Simple vs. Present Perfect. Speaking about Virtual Reality		
11.	Describing function. Robot parts		
12.	Landmarks of robotics-related research		
13.	Student projects		
14	Final test		

Bibliography

Glendinning, E. (2007). *Technology I*. Student's Book. Oxford: Oxford University Press.
Hewings, M. (2011). *Advanced Grammar in Use*. Cambridge: Cambridge Univerity Press.
William, I. (2007). *English for Science and Engineering*. Thomson ELT.
Marco Fabré, E. and S. Remacha Esteras (2007). *Professional English in Use*. Cambridge: Cambridge University Press.

9. Bridging course contents with the expectations of the representatives of the community, professional associations and employers in the field

The improvement of the students' ability to communicate in English in technical contexts is to ensure a successful adjustment to multicultural work environments.

10. Evaluation

Activity type	10.1 Assessment criteria	10.2 Assessment methods	10.3 Weight in the final grade
Course			
Applications		Final test + student projects	Final test: 50 % Student projects: 50%
10.4 Minimum standard of performance: satisfactory completion of at least 50% of the final test			

Date of filling in
October 3, 2016

Teachers in charge of seminars
Lect. Cecilia Policsek, Ph. D.

Date of approval in the department
October 5, 2016

Head of department
Assoc. Prof. Ruxanda Literat, Ph. D.

SYLLABUS

1. Data about the program of study

1.1	Institution	The Technical University of Cluj-Napoca
1.2	Faculty	Faculty of Machine Building
1.3	Department	Modern Languages and Communication
1.4	Field of study	Robotics (Instruction in English)
1.5	Cycle of study	Bachelor of Science
1.6	Program of study/Qualification	Robotics
1.7	Form of education	Full time
1.8	Subject code	

2. Data about the subject

2.1	Subject name			English			
2.2	Subject area			Foreign Languages			
2.3	Course responsible/lecturer			N/A			
2.4	Teachers in charge of seminars			Lect. dr. Cecilia Policsek Cecilia.Policsek@lang.utcluj.ro			
2.5 Year of study	2	2.6 Semester	1	2.7 Assessment	C	2.8 Subject category	DC, DOB

3. Estimated total time

3.1 Number of hours per week	2	3.2 of which, course:		3.3 applications:	2
3.4 Total hours in the curriculum	52	3.5 of which, course:		3.6 applications:	28
Individual study					hours
Manual, lecture material and notes, bibliography					
Supplementary study in the library, online and in the field					
Preparation for seminars/laboratory works, homework, reports, portfolios, essays					24
Tutoring					
Exams and tests					
Other activities					

3.7	Total hours of individual study	24
3.8	Total hours per semester	52
3.9	Number of credit points	2

4. Pre-requisites (where appropriate)

4.1	Curriculum	
4.2	Competence	Knowledge of general English minimum B1 CEFR

5. Requirements (where appropriate)

5.1	For the course	N/A
5.2	For the applications	Class attendance, individual study and homework completion

6. Specific competences

Professional competences	A good command of the relevant vocabulary used in professional contexts; development of the ability to understand spoken and written technical English; use of English in conversations and talks on technical topics; improvement of the ability to work in teams
Cross competences	Development of the students' ability to process academic information and prepare for their career; improved oral and written communication competence, which is to grant a better a better adjustment to a multicultural work environments; sharpening of the students' intercultural communication competence

7. Discipline objectives (as results from the *key competences gained*)

7.1	General objective	The students should develop skills to communicate effectively in a foreign language in professional contexts
7.2	Specific objectives	At the end of this seminar, the students will be able to: --use key terms that belong to branches of technology of relevance to their specialization --prove better ability to listen for detail in relation to conversations and talks on technical topics --prove better ability to speak and write about topics related to their specialization

8. Contents

8. 2 Applications/Seminars		Teaching methods	Notes
1.	General introduction. Describing automated systems	Interactive teaching, working in pairs and groups, student projects, debates, focus on problem-solving approaches	
2.	Intelligent homes		
3.	Referring to measurable parametres		
4.	Discussing readings and trends		
5.	Giving approximate figures		
6.	Student projects		
7.	Explaining tests and experiments		
8.	Comparing results with expectations		
9.	Discussing causes and effects		
10.	Discussing performance and suitability		
11.	Discussing relative performance		
12.	Describing capabilities and limitations		
13.	Student projects		
14.	Final test		

Bibliography

Hewings, M. (2011). *Advanced Grammar in Use*. Cambridge: Cambridge University Press.

Ibbotson, M. (2010). *Cambridge English for Engineering*. Cambridge: Cambridge University Press.
Marco Fabré, E. and S. Remacha Esteras (2007). *Professional English in Use*. Cambridge: Cambridge University Press.

9. Bridging course contents with the expectations of the representatives of the community, professional associations and employers in the field

The improvement of the students' ability to communicate in English in technical contexts is to ensure a successful adjustment to multicultural work environments.

10. Evaluation

Activity type	10.1 Assessment criteria	10.2 Assessment methods	10.3 Weight in the final grade
Course			
Applications		Final test + student projects	Final test: 50 % Student projects: 50%
10.4 Minimum standard of performance: satisfactory completion of at least 50% of the final test			

Date of filling in
October 3, 2016

Teachers in charge of seminars
Lect. Cecilia Policsek, Ph. D.

Date of approval in the department
October 5, 2016

Head of department
Assoc. Prof. Ruxanda Literat, Ph. D.

SYLLABUS

1. Data about the program of study

1.1	Institution	The Technical University of Cluj-Napoca
1.2	Faculty	Faculty of Machine Building
1.3	Department	Modern Languages and Communication
1.4	Field of study	Machine Building (Instruction in English)
1.5	Cycle of study	Bachelor of Science
1.6	Program of study/Qualification	Machine Building
1.7	Form of education	Full time
1.8	Subject code	

2. Data about the subject

2.1	Subject name			English			
2.2	Subject area			Foreign Languages			
2.3	Course responsible/lecturer			N/A			
2.4	Teachers in charge of seminars			Lect. Cecilia Policsek, Ph. D. Cecilia.Policsek@lang.utcluj.ro			
2.5 Year of study	1	2.6 Semester	1	2.7 Assessment	C	2.8 Subject category	DC, DOB

3. Estimated total time

3.1 Number of hours per week	2	3.2 of which, course:		3.3 applications:	2
3.4 Total hours in the curriculum	52	3.5 of which, course:		3.6 applications:	28
Individual study					hours
Manual, lecture material and notes, bibliography					
Supplementary study in the library, online and in the field					
Preparation for seminars/laboratory works, homework, reports, portfolios, essays					24
Tutoring					
Exams and tests					
Other activities					

3.7	Total hours of individual study	24
3.8	Total hours per semester	52
3.9	Number of credit points	2

4. Pre-requisites (where appropriate)

4.1	Curriculum	
4.2	Competence	Knowledge of general English minimum B1 (CEFR)

5. Requirements (where appropriate)

5.1	For the course	N/A
5.2	For the applications	Class attendance, individual study and homework completion

6. Specific competences

Professional competences	Improving the skills of using English in technical context; increasing the students' awareness in terms of the rules that govern effective communication in English; developing the students' ability to work in teams
Cross competences	Development of the students' ability to process academic information and prepare for their career; improved oral and written communication competence, which is to grant a better a better adjustment to a multicultural work environments; sharpening of the students' intercultural communication competence

7. Discipline objectives (as results from the *key competences gained*)

7.1	General objective	The students should gain knowledge and develop skills to communicate effectively in a foreign language in professional contexts
7.2	Specific objectives	At the end of this seminar, the students will be able to: --use key terms that belong to branches of technology of relevance to their specialization --master the grammar-related rules that ensure effective communication in academic and professional contexts --understand different types of technical documents --listen for detail in relation to conversations and talks on technical topics --speak and write about topics related to their specialization

8. Contents

8. 2 Applications/Seminars		Teaching methods	Notes
1.	General introduction	Interactive teaching, working in pairs and groups, student projects, debates, focus on problem-solving approaches	
2.	Describing movement in a mechanism		
3.	Expressing numbers and quantities		
4.	Explaining the difference between products		
5.	Short reports and linking words		
6.	Student projects		
7.	Writing a short sequence		
8.	Compound nouns		
9.	Defining relative clauses		
10.	Giving clear instructions		
11.	Writing a short description		
12.	Phrasal verbs		
13.	Student projects		

14	Final test		

Bibliography

Eisenbach, Iris (2011). *English for Materials Science and Engineering*. Exercises, Grammar, Case Studies. Viewveg + Teubner Verlag.

Glendinning, E. (2007). *Technology I*. Student's Book. Oxford: Oxford University Press.

Rogers, L. and J. Wilkin (2013). *Skillful Reading and Writing*. Student's Book. Oxford: Macmillan. English for Science and Engineering.

William, I. (2007). *English for Science and Engineering*. Thomson ELT.

9. Bridging course contents with the expectations of the representatives of the community, professional associations and employers in the field

The improvement of the students' ability to communicate in English in technical contexts is to ensure a successful adjustment to multicultural work environments.

10. Evaluation

Activity type	10.1 Assessment criteria	10.2 Assessment methods	10.3 Weight in the final grade
Course			
Applications		Final test + student projects	Final test: 50 % Student projects: 50%
10.4 Minimum standard of performance: satisfactory completion of at least 50% of the final test			

Date of filling in
October 3, 2016

Teachers in charge of seminars
Lect. Cecilia Policsek, Ph. D

Date of approval in the department
October 5, 2016

Head of department
Assoc. Prof. Ruxanda Literat, Ph. D.

SYLLABUS

1. Data about the program of study

1.1	Institution	The Technical University of Cluj-Napoca
1.2	Faculty	Faculty of Machine Building
1.3	Department	Modern Languages and Communication
1.4	Field of study	Machine Building (Instruction in English)
1.5	Cycle of study	Bachelor of Science
1.6	Program of study/Qualification	Machine Building
1.7	Form of education	Full time
1.8	Subject code	

2. Data about the subject

2.1	Subject name			English			
2.2	Subject area			Foreign Languages			
2.3	Course responsible/lecturer						
2.4	Teachers in charge of seminars			Lect. Cecilia Policsek, Ph. D. Cecilia.Policsek@lang.utcluj.ro			
2.5 Year of study	1	2.6 Semester	2	2.7 Assessment	C	2.8 Subject category	DC, DOB

3. Estimated total time

3.1 Number of hours per week	2	3.2 of which, course:		3.3 applications:	2
3.4 Total hours in the curriculum	52	3.5 of which, course:		3.6 applications:	28
Individual study					hours
Manual, lecture material and notes, bibliography					
Supplementary study in the library, online and in the field					
Preparation for seminars/laboratory works, homework, reports, portfolios, essays					24
Tutoring					
Exams and tests					
Other activities					

3.7	Total hours of individual study	24
3.8	Total hours per semester	52
3.9	Number of credit points	2

4. Pre-requisites (where appropriate)

4.1	Curriculum	
4.2	Competence	Knowledge of general English minimum B1 (CEFR)

5. Requirements (where appropriate)

5.1	For the course	N/A
5.2	For the applications	Class attendance, individual study and homework completion

6. Specific competences

Professional competences	Improving the skills of using English in technical context; increasing the students' awareness in terms of the rules that govern effective communication in English; developing the students' ability to work in teams
Cross competences	Development of the students' ability to process academic information and prepare for their career; improved oral and written communication competence, which is to grant a better a better adjustment to a multicultural work environments; sharpening of the students' intercultural communication competence

7. Discipline objectives (as results from the *key competences gained*)

7.1	General objective	The students should gain knowledge and develop skills to communicate effectively in a foreign language in professional contexts
7.2	Specific objectives	At the end of this seminar, the students will be able to: --use key terms that belong to branches of technology of relevance to their specialization --master the grammar-related rules that ensure effective communication in academic and professional contexts --understand different types of technical documents --listen for detail in relation to conversations and talks on technical topics --speak and write about topics related to their specialization

8. Contents

8.2 Applications/Seminars		Teaching methods	Notes
1.	The use of the acronyms. Industrial policy-related language	Interactive teaching, working in pairs and groups, student projects, debates, focus on problem-solving approaches	
2.	The compounds. Different forms of transport		
3.	The modal verbs. Making predictions. The future of transport		
4.	The modal verbs. Safety in the automotive sector		
5.	Student projects		
6.	The adjective. Reading specifications		
7.	Qualifying and comparing. Different types of fuel		
8.	Defining and classifying. Vehicle categories		
9.	The noun phrase. Suffixes and prefixes. Eco friendliness and the automotive industry		
10.	Past Simple vs. Present Perfect. Renewables		
11.	Describing function. Car parts		

12.	Measurement systems characteristic of the English-speaking world		
13.	Student projects		
14.	Final test		

Bibliography

Glendinning, E. (2007). *Technology I*. Student's Book. Oxford: Oxford University Press.
Hewings, M. (2011). *Advanced Grammar in Use*. Cambridge: Cambridge Univerity Press.
William, I. (2007). *English for Science and Engineering*. Thomson ELT.

9. Bridging course contents with the expectations of the representatives of the community, professional associations and employers in the field

The improvement of the students' ability to communicate in English in technical contexts is to ensure a successful adjustment to multicultural work environments.

10. Evaluation

Activity type	10.1 Assessment criteria	10.2 Assessment methods	10.3 Weight in the final grade
Course			
Applications		Final test + student projects	Final test: 50 % Student projects: 50%
10.4 Minimum standard of performance: satisfactory completion of at least 50% of the final test			

Date of filling in
October 3, 2016

Teachers in charge of seminars
Lect. Cecilia Policsek, Ph. D.

Date of approval in the department
October 5, 2016

Head of department
Assoc. Prof. Ruxanda Literat, Ph. D.

SYLLABUS

1. Data about the program of study

1.1	Institution	The Technical University of Cluj-Napoca
1.2	Faculty	Faculty of Machine Building
1.3	Department	Modern Languages and Communication
1.4	Field of study	Machine Building (Instruction in English)
1.5	Cycle of study	Bachelor of Science
1.6	Program of study/Qualification	Machine Building
1.7	Form of education	Full time
1.8	Subject code	

2. Data about the subject

2.1	Subject name			English			
2.2	Subject area			Foreign Languages			
2.3	Course responsible/lecturer			N/A			
2.4	Teachers in charge of seminars			Lect. dr. Cecilia Policsek Cecilia.Policsek@lang.utcluj.ro			
2.5 Year of study	2	2.6 Semester	1	2.7 Assessment	C	2.8 Subject category	DC, DOB

3. Estimated total time

3.1 Number of hours per week	2	3.2 of which, course:		3.3 applications:	2
3.4 Total hours in the curriculum	52	3.5 of which, course:		3.6 applications:	28
Individual study					hours
Manual, lecture material and notes, bibliography					
Supplementary study in the library, online and in the field					
Preparation for seminars/laboratory works, homework, reports, portfolios, essays					24
Tutoring					
Exams and tests					
Other activities					

3.7	Total hours of individual study	24
3.8	Total hours per semester	52
3.9	Number of credit points	2

4. Pre-requisites (where appropriate)

4.1	Curriculum	
4.2	Competence	Knowledge of general English minimum B1 CEFR

5. Requirements (where appropriate)

5.1	For the course	N/A
5.2	For the applications	Class attendance, individual study and homework completion

6. Specific competences

Professional competences	A good command of the relevant vocabulary used in professional contexts; development of the ability to understand spoken and written technical English; use of English in conversations and talks on technical topics; improvement of the ability to work in teams
Cross competences	Development of the students' ability to process academic information and prepare for their career; improved oral and written communication competence, which is to grant a better a better adjustment to a multicultural work environments; sharpening of the students' intercultural communication competence

7. Discipline objectives (as results from the *key competences gained*)

7.1	General objective	The students should develop skills to communicate effectively in a foreign language in professional contexts
7.2	Specific objectives	At the end of this seminar, the students will be able to: --use key terms that belong to branches of technology of relevance to their specialization --prove better ability to listen for detail in relation to conversations and talks on technical topics --prove better ability to speak and write about topics related to their specialization

8. Contents

8. 2 Applications/Seminars		Teaching methods	Notes
1.	General introduction. Describing technical functions and applications.	Interactive teaching, working in pairs and groups, student projects, debates, focus on problem-solving approaches	
2.	Explaining how technology works. Explaining technical concepts to non-specialists		
3.	Describing specific materials		
4.	Specifying and describing properties		
5.	Discussing quality issues		
6.	Student projects		
7.	Language used to describe component shapes and features		
8.	Explaining and assessing manufacturing techniques		
9.	Working with drawings		
10.	Discussion dimensions and precision		
11.	Discussing design phases and procedures		
12.	Resolving design problems		
13.	Student projects		
14.	Final test		

Bibliography

Hewings, M. (2011). *Advanced Grammar in Use*. Cambridge: Cambridge University Press.
Ibbotson, M. (2010). *Cambridge English for Engineering*. Cambridge: Cambridge University Press.
Mya, P., N. Lerner and J. Craig. (2010). *Learning to Communicate in Science and Engineering. Case Studies from MIT*. Cambridge, Mass.: the MIT Press.

9. Bridging course contents with the expectations of the representatives of the community, professional associations and employers in the field

The improvement of the students' ability to communicate in English in technical contexts is to ensure a successful adjustment to multicultural work environments.

10. Evaluation

Activity type	10.1 Assessment criteria	10.2 Assessment methods	10.3 Weight in the final grade
Course			
Applications		Final test + student projects	Final test: 50 % Student projects: 50%
10.4 Minimum standard of performance: satisfactory completion of at least 50% of the final test			

Date of filling in
October 3, 2016

Teachers in charge of seminars
Lect. Cecilia Policsek, Ph. D.

Date of approval in the department
October 5, 2016

Head of department
Assoc. Prof. Ruxanda Literat, Ph. D.

SYLLABUS

1. Data about the program of study

1.1	Institution	The Technical University of Cluj-Napoca
1.2	Faculty	Faculty of Machine Building
1.3	Department	Modern Languages and Communication
1.4	Field of study	Machine Building (Instruction in English)
1.5	Cycle of study	Bachelor of Science
1.6	Program of study/Qualification	Machine Building
1.7	Form of education	Full time
1.8	Subject code	

2. Data about the subject

2.1	Subject name			English			
2.2	Subject area			Foreign Languages			
2.3	Course responsible/lecturer			N/A			
2.4	Teachers in charge of seminars			Lect. Cecilia Policsek, Ph. D. Cecilia.Policsek@lang.utcluj.ro			
2.5 Year of study	2	2.6 Semester	2	2.7 Assessment	C	2.8 Subject category	DC, DOB

3. Estimated total time

3.1 Number of hours per week	2	3.2 of which, course:		3.3 applications:	2
3.4 Total hours in the curriculum	52	3.5 of which, course:		3.6 applications:	28
Individual study					hours
Manual, lecture material and notes, bibliography					
Supplementary study in the library, online and in the field					
Preparation for seminars/laboratory works, homework, reports, portfolios, essays					24
Tutoring					
Exams and tests					
Other activities					

3.7	Total hours of individual study	24
3.8	Total hours per semester	52
3.9	Number of credit points	2

4. Pre-requisites (where appropriate)

4.1	Curriculum	
4.2	Competence	Knowledge of general English minimum B1 (CEFR)

5. Requirements (where appropriate)

5.1	For the course	N/A
5.2	For the applications	Class attendance, individual study and homework completion

6. Specific competences

Professional competences	A good command of the relevant vocabulary used in professional contexts; development of the ability to understand spoken and written technical English; use of English in conversations and talks on technical topics; improvement of the ability to work in teams
Cross competences	Development of the students' ability to process academic information and prepare for their career; improved oral and written communication competence, which is to grant a better a better adjustment to a multicultural work environments; sharpening of the students' intercultural communication competence

7. Discipline objectives (as results from the *key competences gained*)

7.1	General objective	The students should develop skills to communicate effectively in a foreign language in professional contexts
7.2	Specific objectives	At the end of this seminar, the students will be able to: --use key terms that belong to branches of technology of relevance to their specialization --prove better ability to listen for detail in relation to conversations and talks on technical topics --prove better ability to speak and write about topics related to their specialization

8. Contents

8. Applications/Seminars		Teaching methods	Notes
1.	General introduction. Describing types of technical problems	Interactive teaching, working in pairs and groups, student projects, debates, focus on problem-solving approaches	
2.	Discussing the causes of faults		
3.	Discussing repairs and maintenance		
4.	Discussing technical requirements		
5.	Suggesting ideas and solutions		
6.	Student projects		
7.	Assessing feasibility		
8.	Describing improvements and redesigns		
9.	Describing health and safety precautions		
10.	Emphasizing the importance of precautions		
11.	Discussing regulations and standards		
12.	Written instructions and notices		
13.	Student projects		
14.	Final test		

Bibliography

Hewings, M. (2011). *Advanced Grammar in Use*. Cambridge: Cambridge University Press.
Ibbotson, M. (2010). *Cambridge English for Engineering*. Cambridge: Cambridge University Press.
Johnson, S. (2011). *Where Good Ideas Come From: A Natural History of Innovation*. New York, NY: Riverhead Books.

9. Bridging course contents with the expectations of the representatives of the community, professional associations and employers in the field

The improvement of the students' ability to communicate in English in technical contexts is to ensure a successful adjustment to multicultural work environments.

10. Evaluation

Activity type	10.1 Assessment criteria	10.2 Assessment methods	10.3 Weight in the final grade
Course			
Applications		Final test + student projects	Final test: 50 % Student projects: 50%
10.4 Minimum standard of performance: satisfactory completion of at least 50% of the final test			

Date of filling in
October 3, 2016

Teachers in charge of seminars
Lect. Cecilia Policsek, Ph. D.

Date of approval in the department
October 5, 2016

Head of department
Assoc. Prof. Ruxanda Literat, Ph. D.