

**The State Higher Vocational School in Nysa**  
**Institute of Management**  
**Faculty: Management and Production Engineering – ECTS**  
**Academic year: 2009/2010**

**Semester I**

	<b>Courses</b>	<b>Form of classes</b>	<b>Number of hours</b>	<b>Credit/Exam</b>	<b>ECTS</b>
1.	Business Ethics	lecture	30	C	2
2.	Informatics Technology	lecture	15	C	2
3.	Informatics Technology	laboratory	15	C	
4.	Physics	lecture	15	C	2
5.	Microeconomics, Macroeconomics	lecture	30	E	5
6.	Microeconomics, Macroeconomics	classes	15	C	
7.	Management	lecture	30	E	4
8.	Materials Science	lecture	30	C	3
9.	Engineering Design	lecture	30	C	5
10.	Engineering Design	classes	15	C	
11.	Engineering Graphics, Informatics and Computer Aided Engineering	lecture	30	C	6
12.	Engineering Graphics, Informatics and Computer Aided Engineering	project	30	C	
					<b>Total: 29</b>

## Semester II

	<b>Courses</b>	<b>Form of classes</b>	<b>Number of hours</b>	<b>Credit/Exam</b>	<b>ECTS</b>
1.	Mathematics, Statistics, Operational Research	lecture	15	E	5
2.	Mathematics, Statistics, Operational Research	classes	30	C	
3.	Physics	lecture	15	C	4
4.	Physics	classes	15	C	
5.	Physics	laboratory	15	C	
6.	Microeconomics, Macroeconomics	lecture	15	E	4
7.	Microeconomics, Macroeconomics	classes	15	C	
8.	Economic Law	lecture	30	E	3
9.	Production and Services Management	lecture	30	C	3
10.	Production and Services Management	laboratory	15	C	
11.	Materials Science	lecture	30	C	3
12.	Materials Science	laboratory	15	C	
13.	Engineering Design	lecture	15	C	5
14.	Engineering Design	project	30	C	
15.	Engineering Graphics, Informatics and Computer Aided Engineering	lecture	15	C	4
16.	Engineering Graphics, Informatics and Computer Aided Engineering	laboratory	15	C	
					<b>Total: 31</b>

### Semester III

	<b>Courses</b>	<b>Form of classes</b>	<b>Number of hours</b>	<b>Credit/Exam</b>	<b>ECTS</b>
1.	Foreign Language	laboratory	30	C	1
2.	Fundamentals of Intellectual and Industrial Ownership Protection	lecture	30	C	2
3.	Mathematics, Statistics, Operational Research	lecture	15	E	5
4.	Mathematics, Statistics, Operational Research	classes	30	C	
5.	Marketing	lecture	30	C	4
6.	Marketing	classes	15	C	
7.	Marketing	seminar	15	C	
8.	Logistics in Enterprise	lecture	30	E	5
9.	Logistics in Enterprise	project	15	C	
10.	Engineering Design	lecture	30	E	5
11.	Engineering Design	project	30	C	
12.	Production Processes	lecture	15	C	3
13.	Production Processes	laboratory	15	C	
14.	Metrology I	lecture	15	C	3
15.	Metrology I	laboratory	15	C	
16.	Engineering Graphics, Informatics and Computer Aided Engineering	lecture	15	C	4
17.	Engineering Graphics, Informatics and Computer Aided Engineering	laboratory	30	C	
					Total: 32

### Semester IV

	<b>Courses</b>	<b>Form of classes</b>	<b>Number of hours</b>	<b>Credit/Exam</b>	<b>ECTS</b>
1.	Foreign Language	laboratory	30	C	1
2.	Sports classes	classes	30	C	1
3.	Principles of Business Management	lecture	30	C	2
4.	Mathematics, Statistics, Operational Research	lecture	15	C	4
5.	Mathematics, Statistics, Operational Research	laboratory	30	C	
6.	Ecology and Environmental Management	lecture	30	C	3
7.	Ecology and Environmental Management	seminar	15	C	
8.	Finance and Accountancy, Cost Account for Engineers	lecture	30	E	5
9.	Finance and Accountancy, Cost Account for Engineers	classes	30	C	
10.	Production Processes	lecture	30	E	5
11.	Production Processes	laboratory	15	C	
12.	Metrology II	lecture	15	C	3
13.	Metrology II	laboratory	15	C	
14.	Engineering Graphics, Informatics and Computer Aided Engineering	lecture	15	C	5
15.	Engineering Graphics, Informatics and Computer Aided Engineering	laboratory	30	C	
					<b>Total: 29</b>

## Semester V

	<b>Courses</b>	<b>Form of classes</b>	<b>Number of hours</b>	<b>Credit/Exam</b>	<b>ECTS</b>
1.	Foreign Language	laboratory	30	C	1
2.	Sports classes	classes	30	C	1
3.	Mathematics, Statistics, Operational Research	lecture	30	C	4
4.	Mathematics, Statistics, Operational Research	classes	15	C	
5.	Finance and Accountancy, Cost Account for Engineers	lecture	30	C	4
6.	Finance and Accountancy, Cost Account for Engineers	classes	15	C	
7.	Quality and Safety Management	lecture	30	E	5
8.	Quality and Safety Management	classes	30	C	
9.	Production Processes Automation and Robotics	lecture	30	C	5
10.	Production Processes Automation and Robotics	laboratory	15	C	
11.	Production Processes Automation and Robotics	project	15	C	
12.	Application of Informatics in Organizations	lecture	15	C	3
13.	Application of Informatics in Organizations	seminar	15	C	
14.	Enterprise management	lecture	30	E	4
15.	Enterprise management	laboratory	30	C	
16.	Technological Processes Design	lecture	15	C	4
17.	Technological Processes Design	project	30	C	
					<b>Total: 31</b>

## Semester VI

	<b>Courses</b>	<b>Rodzaj zajęć</b>	<b>Number of hours</b>	<b>Credit/Exam</b>	<b>ECTS</b>
1.	Foreign Language	laboratory	30	E	2
2.	Computer Aided Management	lecture	30	C	3
3.	Computer Aided Management	laboratory	30	C	
4.	Production and Services Organisation	lecture	30	E	6
5.	Production and Services Organisation	project	15	C	
6.	Production and Services Organisation	seminar	15	C	
7.	Computer Aided Technological Preparation of Production	lecture	30	C	3
8.	Computer Aided Technological Preparation of Production	laboratory	15	C	
9.	CAP/CAM and OSN Systems	lecture	30	C	4
10.	CAP/CAM and OSN Systems	laboratory	30	C	
11.	Integrated Systems of Management	lecture	30	E	4
12.	Integrated Systems of Management	laboratory	30	C	
13.	Project	project	45	C	4
14.	Diploma Seminar	seminar	30	C	4
					<b>Total: 30</b>

## Semester VII

	<b>Courses</b>	<b>Rodzaj zajęć</b>	<b>Number of hours</b>	<b>Credit/Exam</b>	<b>ECTS</b>
1.	Ecology of Natural Resources and Environmental Protection	lecture	30	C	2
2.	Operational Production Control	lecture	15	E	4
3.	Operational Production Control	laboratory	15	C	
4.	Diploma Seminar	seminar	30	C	5
5.	Thesis	project	300	C	15
6.	Vocational Training		4 weeks		4
					Total: 30