



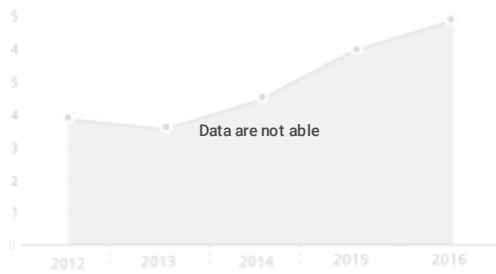
RTU OLAINES TEHNOLOĢIJU KOLEDŽA

2 Zeiferta Street, Olaine

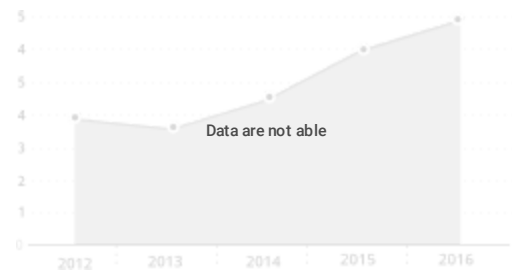
www.omtk.lv

Foundation year: 1964

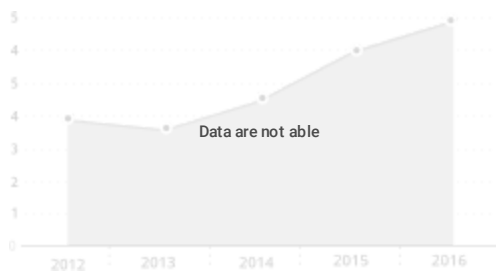
Turnover in the last 5 years



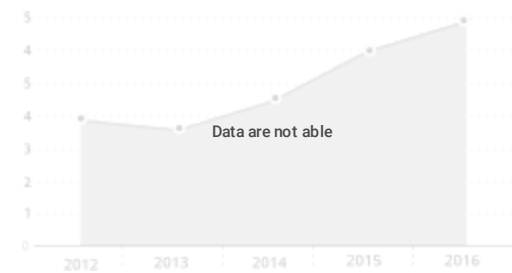
Export volume over the last 5 years




Number of employees in total and after education in the last 5 years



Investing in R&D



In which areas are looking for cooperation

 Education and scientific research



RTU OLAINES TEHNOLOĢIJU KOLEDŽA

Description about enterprise:

For young people after high school and for every interested person with secondary education we provide the opportunity to obtain first level vocational higher education in four qualifications:

Vocational higher education with qualifications in the following courses:

- Environmental protection technology – environmental technologist
- Biotechnology – biotechnologist
- Quality control of food products – food quality specialist
- Food processing and manufacturing technology – food processing specialist

Duration of studies in higher education 2 and 2.5 years.

Students are able to obtain a professional secondary education after class 9 in five qualifications:

Professional secondary education with qualifications in the following educational programs:

- Environmental protection – environmental technician
- Chemical technology – biotechnologist assistant
- Chemical engineering – analytical chemistry technician
- Mechanical engineering – chemical and biochemical equipment mechanic
- Quality control of food products – assistant to the quality of food safety officer

Duration of studies in high school - 4 years of study.

- Mechanical engineering – Industrial equipment mechanic

If you have secondary education, you can obtain level 3 qualifications in just 14 months! Duration of studies are 1.5 years.

Why study in Mechanics and Technology College of Olaine? Because syllabus-based education is a bright future, as it is one of the fastest growing industries in the Latvian economy, with excellent growth opportunities. You will have the opportunity to work in high qualified jobs for the companies of these sectors, receiving a competitive salary exceeding the average level in the country.

There is the opportunity, come and use it!

Environmental technologist is a specialist who is familiar with and capable of tackling environmental problems, developing environmental technologies, organizing and managing natural resources, wastewater treatment, waste management, knows environmental management and planning issues, international standards for environmental protection and quality systems, research in the field of environmental technologies.

Biotechnologist is a specialist who develops and applies technology schemes, selects and applies appropriate technological equipment, manages and develops biotechnological processes in the enterprise, focuses on food, agriculture, pharmaceuticals, environmental biotech, bioenergy, bio-cosmetology, research in one of the fields of biotechnology.

Food quality specialist is a specialist who organizes and carries out the sampling of raw materials and finished products for testing, performs physical, chemical, microbiological testing, selects and applies laboratory equipment and apparatus, is familiar with the production technology of foodstuffs, carries out research in the field of food quality.

Food processing specialist is a specialist who adopts and prepares raw materials, selects and applies appropriate technological equipment, manages and controls the process of food processing, is responsible for ensuring that the quality system demands are met in the field of food technology.

Environmental technician is a specialist who works in a company that has tasks associated with drinking water, wastewater, air and soil control, process monitoring and assurance, drinking water preparation, wastewater treatment and waste management, plans, organizes and supervises works.

Assistant biotechnologist is a specialist who independently performs biotechnological process or part of it, ensures the operation, servicing and repair of the equipment in a business unit, in accordance with regulatory documentation, organizes its own and part of the work of the biotechnological production process and summaries their results.

An analytical chemistry technician is a specialist performing chemical synthesis or part thereof, chemical and physico-chemical analyses, using classical and instrumental analytical techniques, in accordance with the requirements of the standards and other regulatory acts or the Indications.

Chemical and biochemical equipment mechanic is a specialist in the assembly, operation, servicing and repair of technological equipment and devices for chemical and biochemical industries; plans and organizes the installation and repair of the equipment, ensures compliance with safety requirements during assembly, operation, servicing and repair of the equipment.

Assistant of the quality inspector for food products is a specialist who carries out the sampling, chemical and microbiological analysis of the samples of the environment, food and raw materials, calculates and analyses the results of the analysis, sampling and analysis schedules, organizes their laboratory work to carry out analyses and manage the work process.

Industrial machinery mechanic is a specialist who intends, organizes and carries out industrial (chemical, biotechnological, pharmaceutical, printing, woodworking, metal, textile) technological equipment, knots, equipment and equipment dismantling, commissioning, operation, servicing and repair, ensuring compliance with the requirements for the protection of equipment, equipment nodes and appliances during assembly, operation, maintenance and repair.

After obtaining the diploma, you can:

- Work professionally in the company, plan and manage the performance of your work.
- Use modern techniques, laboratory equipment and equipment during the work.
- Communicate and work in a team, argue and defend their views.
- Apply the law, regulation and regulatory requirements.
- Continue higher education curricula, as well as education of different types of professional development programs,

relevant industry courses, seminars.

Mechanics and Technology College of Olaine offers a variety of professional development programs and further vocational training programs:

- Chemical engineering – analytical chemistry technician
- Chemical technologies – chemical process technician.

The duration of further training programs is 7 months.

Choosing to get educated in the Mechanics and Technology College of Olaine you opportunities to actively participate in competitions and sports activities, engage in cultural life activities both in college and in town of Olaine, implement various projects, including the international Erasmus + program, participate in vocational competitions, exchange visits, develop their talents and enjoy free time. You can live in a student's hotel and study at an educational institution with the skills and competences of many successful entrepreneurs, job managers, industry specialists. Undergo internship in leading industry companies in Latvia and Europe. Graduates continue their studies at college or higher universities in Latvia or elsewhere in the world.

The Mechanics and Technology College of Olaine is an opportunity for every young person to grow up to be a skilled professional, creative and successful person, to be prepared for an experience with competitive conditions, as the institution employs highly skilled staff – assistant professors, lecturers, teachers, and invaluable support are the contribution of technical staff, so that we can strive for excellence together.

More information is available on the website: www.omtk.lv

Products

Biotechnologist works in biochemical industry companies, food manufacturing companies applying biotechnological methods in the product manufacturing, as well as in the biochemical and microbiological laboratories of the above-mentioned companies.

Environmental technologist works in organizations applying environmental technologies, develops, designs and implements technological solutions providing environmental technologies an environmental quality.

Food quality specialist works in the food manufacturing companies or quality control laboratory of these companies. Organizes and carries out the sampling of raw materials and finished products for testing, performs physical, chemical, microbiological testing accordingly to the internal quality system of the company.

Food processing specialist manages and controls the process of food processing, is responsible for hygiene and sanitation of the manufacturing process, organises and manages hygiene control activities for the manufacturing environment and staff, is competent in working with manufacturing technologies and equipment.

Biotechnologist assistant works in the biochemical industry companies, food production companies where classical biotechnological methods for the food manufacturing is applied, as well as in the biotechnological and microbiological laboratories of the above-mentioned companies.

Analytical chemistry technician performs chemical synthesis or part thereof, chemical and physic-chemical analyses, using classical and instrumental analytical techniques, in accordance with the requirements of the standards and other regulatory acts or the Indications.

Equipment mechanic works in biochemical, chemical and food manufacturing companies or private entities with various physical-chemical equipment. Performs technical and engineering technical tasks related to the assembling, operation, servicing and repairs of technological equipment and devices.

Environmental technician performs technological tasks associated with drinking water, wastewater, air and soil control, process monitoring and assurance, drinking water preparation, wastewater treatment and waste management, plans, organizes and supervises works. Higher professional level employee supervises work of the environmental technician.

Assistant of the quality inspector for food products works in the manufacturing and quality control laboratories of food manufacturing companies. Carries out the sampling, chemical and microbiological analysis of the raw materials and food products, calculates and analysis the results of the analysis.

Industrial machinery mechanic works in the biochemical, chemical and food producing companies or private companies with various physically-chemical procedure equipment. Machinery mechanic performs technical and engineering technical works related to dismantling, operating, servicing and repairing of technological equipment and devices.

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