

Year Learning Outcome: YLOs

YLO1:

1. Apply basic subjects of physics, chemistry, biology and mathematics. that are used in learning specific subjects of the curriculum.
2. Have skills in basic agricultural operations.
3. Have skills in agricultural technician work. and drafting using computer programs
4. Have language skills for communicating in their careers and human relations in working with others, be responsible, disciplined, diligent, patient, and honest, and search for lifelong learning.

YLO2:

1. Apply basic agricultural subjects in animal science, soil science, and horticulture that are used in studying specific subjects of the curriculum.
2. Apply and have skills in AMM job as: engines, tractors, surveying in agriculture, electrical-electronic circuits, Arduino principles for programming device control.
3. Have language skills for communicating in their careers and human relations in working with others, be responsible, disciplined, diligent, patient, and honest, and search for lifelong learning.

YLO3:

1. Apply basic subjects of statistics and plant science that are used in studying specific subjects of the curriculum.
2. Analy and have skills in AMM work such as: Agri-machinery in the complete plant growing process, power transmission system, irrigation system, automatic greenhouse, computer programming for controlling the control board and agri-mechatronics operations.
3. Have language skills for communicating in their careers and human relations in working with others, be responsible, disciplined, diligent, patient, and honest, and search for lifelong learning.

YLO4:

1. Be able to explain basic knowledge and theory of agricultural science related to the subjects of agricultural machinery and mechatronics.
2. Be able to operate equipment and tools in agricultural mechanic-works correctly and safely.
3. Be able to select agricultural machinery correctly and appropriately with the objectives and goals of the desired results in a comprehensive manner.
4. Be able to select plant watering system technology, agricultural greenhouse, and new technology correctly and appropriate to the type of plants, animals, and environment.
5. Be able to examine electrical circuits, electronic circuit, and mechatronics principles to control an agricultural work properly.
6. Be able to choose information technology (IT) to operate tasks appropriately.
7. Be able to use Thai and English language on duty for listening, speaking, reading and writing appropriately.
8. Display a willingness to be responsible, disciplined, diligent, patient, and honest, human relations in working with others, be a good leader and follower and have a relationship with the organization.