

Graduate Module: Practical Uses of Different Global Positioning Systems and Geographic Information Systems in Precision Agriculture

Time: Fall Semester 2017

Background: The module will introduce the practical applications of Different Global Positioning Systems (GPS) in the field and ArcMap Geographic Information System (GIS) applications for agricultural use. This graduate module will be available to any graduate students and will be offered for the fall semester of 2017.

Prerequisites:

Enrollment in graduate program

Delivery: This module will be comprised of 6 weeks of 2 hour lectures/labs dealing with practical application of DGPS and GIS in precision agriculture:

Evaluation: Assessment of this module will be in the form of weekly assignments and a single report to be submitted at the end of module.

Class Participation: 10%

Assignments: 50%

Project Report: 40%

Instructors:

Dr. Qamar Zaman, Professor

Engineering Department, Faculty of Agriculture, Dalhousie University

e-mail: qzaman@dal.ca

Phone: (902) 893-5426

Dr. Travis Esau, Post-Doctoral Fellow

Engineering Department, Faculty of Agriculture, Dalhousie University

e-mail: tesau@dal.ca

Phone: (902) 896-2217