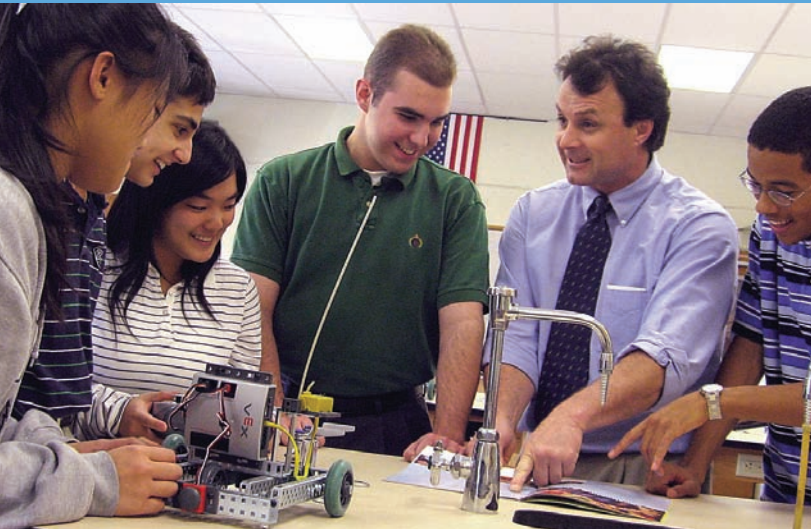


REC Semester I Packages

Comprehensive 2-year Robotics Engineering Program



Built on the power of LearnMate™, intelitek's e-learning platform, **REC™** delivers comprehensive, standards-based instruction via hands-on activities and compelling online curriculum, all centered on three core features:

- **LearnMate** curriculum with optional classroom LearnMate Management System (LMS)
- **easyC™** programming software
- **Vex™** Starter Kit with required accessories

LearnMate

*"We are a veteran team of 12 years and have found easyC Pro and the REC Curriculum to be one of the best advances in **FIRST**. It accomplishes what the "I" in **FIRST** stands for - **Inspiration**. I would recommend this curriculum as a staple of any **FIRST** program."*

Mike Martus
FIRST Robotics Teacher of the Year
Pontiac Central High School
FRC Team 47 Chief Delphi

intelitek ▶▶
www.intelitek.com

intelitek's Robotics Engineering Curriculum (REC)

is a two-year robotics program for applied science, technology, engineering and mathematics.

REC provides superior resources for both students and instructors, from award-winning hardware to teacher-friendly lesson guides.

No program is complete unless it addresses the needs of the classroom. **REC** does just that! The **REC Semester One Package** comes with everything you need to run a successful introductory robotics class!

REC is available in 10, 20 and 30-student packages, including enough **Vex** hardware and materials to provide one kit for every two students. This allows all the students to have a complete hands-on experience while building teamwork and communication skills.

Teachers are fully supported through the comprehensive Teachers Guide and detailed instructions, tips and classroom materials. Specialized training for teachers is also available through intelitek's **Professional Development Program**.

One purchase order gets your school everything it needs for **REC**, from the hardware and software down to the stopwatches and notebooks. Once you add your tables, computers, energized teachers and students, **REC** will quickly become the favorite class in your school!



Each two-student team receives the above materials for Semester 1.

REC Semester I Packages

Program Packages include:

- LearnMate Content (75 Hours)

The following items (one of each) are supplied for two students and one instructor except as noted:

- Vex Starter Kit
- Power Pack
- Programming Kit
- Ultrasonic Range Finder Kit
- Line Follower Kit
- 12" Ruler
- Protractor
- Tether (4 pin phone handset cable)
- Stop Watch (tenths of second)
- 3 Ring Binder - 1" (one per student, one per instructor)
- Composition Book (one per student, one per instructor)
- Electrical Tape - 3/4" wide (black)
- Masking Tape - 1" wide
- Tape Measure
- Spring Scale - 4.5 lbs x 0.1lb
- 5lb Weights (quantity 3)

The following items (one of each) are supplied per REC program purchased:

- Crystal Upgrade Kit A (for 2 - 4 robots)
- Crystal Upgrade Kit B (from 5 to 9 robots)
- Lab Upgrade to easyC 2.0
- String (construction grading line)
- Dry Erase Marker - Black (1 dozen)
- Dry Erase Marker - Blue (1 dozen)
- Elastic Band - #16 (450/bag)
- Precision Scale - 10 lbs x 0.1oz
- 8-32 x 1" BHCS (Box of 100)



30-student Semester I Program



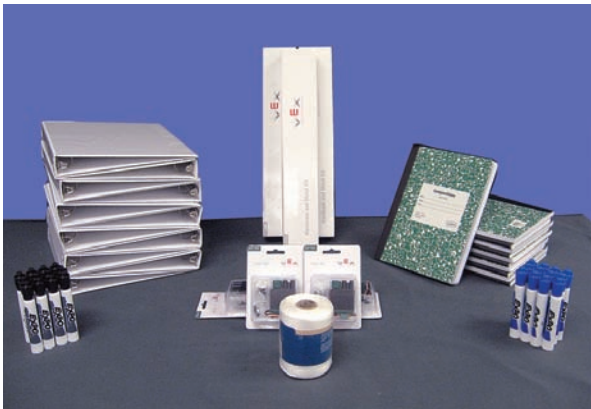
20-student Semester I Program



10-student Semester I Program

Service Packs

Hands-on, interactive curriculum eventually requires replenishment of materials. intelitek's service packs enable you to easily and seamlessly restock your classroom.



10-student Semester I Service Pack

10, 20 and 30-student service packs are available to keep your classroom up and running from semester to semester. If at any time you would like to add to your classroom's existing Vex materials, intelitek has complete stock of all items in the package for individual purchase.



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