**Assignment: Robot Programming Languages**

**Instructions:** Students will prepare a slide or internet presentation on the EasyC and ROBOTCrobot programming languages. These robot programming languages are used by robot programmers of the FIRST Robotics Competition and the BEST Robotics Competition.

* Research the internet for free software to create your internet cloud-based presentation.
* Use the EasyC website to learn more about the EasyC programming language.
* Use the ROBOTC website to learn more about the ROBOTC programming language.

You will need to include the following information in your presentation.

1. An explanation of what is the EasyC robot programming language.
2. An explanation of what is the ROBOTC robot programming language.
3. What are the similarities between the EasyC and ROBOTC robot programming languages?
4. What are the differences between the EasyC and ROBOTC robot programming languages?
5. What robot programming language would you prefer to learn and why?
6. Find a video of the robot programming language (EasyC or ROBOTC) for your presentation.

**Reflection:** O\*NET Online has detailed descriptions of the world of work for use by jobseekers, workforce development and HR professionals, students, researchers, and more! Visit the O\*NET Online website (http://www.onetonline.org/). Do you think that this website may help you locate career opportunities Programming? What types of Programming career opportunities are listed?

Turn in your presentation to your teacher via email.

**Supplies**: Laptop Computer, Internet, USB Flash Drive

**Deliverables:** Completed “Robot Programming Language” slide or internet presentation.

|  |  |
| --- | --- |
| **How your grade will be calculated:** |  |
| **Graded Elements** | **Points** |
| Six (6) required presentation elements | 60 |
| Proofreading, Grammar, and Spelling | 30 |
| Reflection | 10 |
| **Total Points** | **100** |