

# ENGINEERING PATHWAY (STEM)

The Lowell High School Engineering Pathway provides students the opportunity to investigate engineering-related courses for career exploration and future interest in engineering. Students are provided a combination of academic and hands-on activities to build their subject knowledge and develop the skills of teamwork, verbal and written communication and project management.

**Articulation:** Students may receive college credits upon enrolling at colleges that acknowledge articulation with the LHS course. Eligibility to receive college credit varies by the specific agreement with each college.

## ENGINEERING PATHWAY COURSE OFFERINGS:

### Electives for grades 10, 11 and 12:

3953/3954	Robotics (LS) - Honors
3945/3946	Architectural Design (LS) - Honors
3911/3912	PLTW- Introduction to Engineering Design (LS) - Honors
3921/3922	PLTW- Principles of Engineering (LS) - Honors

### Grade 12 Electives:

3971	Introduction to Engineering (DE-MCC) (LS) - Advanced
3978	Engineering Internship - Honors - Strongly Recommended

*\*Students must first complete 10 credits in the Engineering Pathway courses before enrolling in the Engineering Internship*

**\*Engineering Pathway students must earn a minimum of 10 credits in the above courses to receive the designation of Engineering Concentration status on the student's final transcript.**