



ZHENGZHOU

ENGINEERING STREAM

COURSE NAME	CODE REFERENCE	<u>GRADE 11</u> COURSE DESCRIPTIONS	
English Literacy Development	ELDEO Term 1	This course provides students with skills and strategies that will allow them to continue their education successfully and pursue pathways to employment that may involve apprenticeship and/or cooperative education programs. Students will communicate orally and in writing on a variety of topics; perform a variety of independent reading and writing tasks; interpret and create media texts; and use a range of media and community resources. This course also expands the critical thinking skills students will need in order to contribute to Canadian society as informed citizens.	
Mathematics and Logic Interdisciplinary Studies	IDP30 Term 1	This course is designed to strengthen student's ability to understand mathematical and applied concepts in the English language. Students will apply the knowledge they have in trigonometry, functions, algebra using the English language. Students will further investigate the use of logic, problem solving in engineering with equal emphasis on the theoretical and practical.	
English College Grade 11	ENG3C Term 2	This course further extends students' skills in listening, speaking, reading, and writing in English for a variety of everyday and academic purposes. Students will make short classroom oral presentations; read a variety of adapted and original texts in English; and write using a variety of text forms. As well, students will expand their academic vocabulary and their study skills to facilitate their transition to the mainstream school program.	
Science for Engineering Focus on Communication Interdisciplinary Studies	IDC30 Term 2	<p>With a focus on language acquisition students will concentrate on course curriculum from the Ontario Grade 11 Chemistry and Physics credits. Subject covered from physics will include: Kinematics, Forces, Energy and Society, Waves and Sound, Electricity and Magnetism. From Chemistry Matter, Chemical Trends, and Chemical Bonding Chemical Reactions Quantities in Chemical Reactions, Solutions and Solubility Gases and Atmospheric Chemistry.</p> <p>Special attention to applications found in Engineering degree programs and the professional practice will be included.</p>	