

FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR		Notes
FALL	WINTER	FALL	WINTER	FALL	WINTER	FALL	WINTER	
<div>MATH 1004 Calculus for Eng. Students</div>	<div>Elective Complementary Studies Elective</div>	<div>MATH 1005 Differential Equations &amp; Infinite Series for Eng. Students</div>	<div>MATH 3705 Mathematical Methods I</div>	<div>2nd ELEC 3105 Electromagnetic Fields</div>	<div>ELEC 3500 Digital Electronics</div>	<div>4th ELEC 4907 / SYSC 4907 / ECOR 4907 Engineering Design Project (note a) (1.0 credit)</div>		<div>Course Prerequisites and Year Status Requirements</div> <p>The Faculty of Engineering and Design strictly upholds course prerequisites. Course prerequisites are found in the <a href="#">Undergraduate Calendar</a> course descriptions, and are indicated by arrows* between courses in this program map.</p> <p><a href="#">Year status in Engineering prerequisites</a> (as noted by 2nd, 3rd, or 4th above the course box) vary year to year, please carefully review requirements for your catalog year.</p> <div>Academic Advising</div> <p>Obtaining regular academic advising and support for course planning is essential for engineering students who are “off-pattern” from their program map. Contact your program advisor:</p> <p>First year students (new and returning): <a href="mailto:ECORSupport@carleton.ca">ECORSupport@carleton.ca</a></p> <p>Second year and higher students: <a href="http://www.doe.carleton.ca/ugtickets/">www.doe.carleton.ca/ugtickets/</a></p> <div>Notes</div> <p>(a) Register in ELEC 4907 if your project supervisor is in DOE. Register in SYSC 4907 if your project supervisor is in SCE. Students must complete all first and second year courses, as well as 3.5 credits of third year courses (with the exception of Complementary Studies Elective) to enroll in Engineering Project.</p> <p>(b) 2.0 credits in Electronics (ELEC) or Systems and Computer (SYSC) at the 4000-level or ELEC 3508, MECH 4503, SYSC 3020 or SYSC 3200.</p> <p>(c) 0.5 credits from the Basic Science Elective list or ENVE, CIVE, IDES, MAAE, AERO or MECH at the 2000-level or above or ELEC or SYSC at the 4000-level or MECH 4503, SYSC 3020 or SYSC 3200.</p> <p>(d) ECOR 4995 may be taken in Winter term, if required due to limited elective options in Winter term.</p> <p>(e) Please review <a href="#">Engineering Portfolio submission and registration instructions</a>. Students register for ECOR 2995 once 4th year status is achieved, either before or concurrent with ECOR 4995.</p>
<div>MATH 1104 Linear Algebra for Eng. Students</div>	<div>CHEM 1101 Chemistry for Eng. Students</div>	<div>MATH 2004 Multivariable Calculus for Eng. Students</div>	<div>2nd ELEC 2507 Electronics I</div>	<div>ELEC 3509 Electronics II</div>	<div>3rd ELEC 3907 Engineering Project</div>	<div>ELEC 4601 Micro-processors</div>	<div>Elective Complementary Studies Elective</div>	
<div>Elective Basic Science Elective</div>	<div>PHYS 1004 Introductory Electromagnetism &amp; Wave Motion</div>	<div>ELEC 2501 Circuits &amp; Signals</div>	<div>2nd ELEC 2602 Electric Machines and Power</div>	<div>ELEC 3908 Physical Electronics</div>	<div>ELEC 3909 Electromagnetic Waves</div>	<div>SYSC 4505 Automatic Control Systems</div>	<div>Elective Engineering Elective (note b)</div>	
<div>ECOR 1033 Statics</div>	<div>ECOR 1031 Programming &amp; Data Management</div>	<div>2nd ELEC 2607 Switching Circuits</div>	<div>2nd SYSC 2004 O.O. Software Development</div>	<div>SYSC 3006 Computer Organization</div>	<div>SYSC 3501 Communication Theory</div>	<div>Elective Engineering Elective (note b)</div>	<div>Elective Engineering Elective (note b)</div>	
<div>ECOR 1034 Dynamics</div>	<div>ECOR 1032 Circuits &amp; Mechatronics</div>	<div>2nd SYSC 2006 Foundations of Imperative Programming</div>	<div>CCDP 2100 Communication Skills for Eng. Students</div>	<div>2nd SYSC 3600 Systems &amp; Simulation</div>	<div>2nd ECOR 2050 Design &amp; Analysis of Engineering Experiments</div>	<div>Elective Engineering Elective (note b)</div>	<div>Elective Basic Science or Eng. Elective (note c)</div>	
<div>ECOR 1055 Introduction to Engineering Disciplines I (0.0 credit)</div>	<div>ECOR 1056 Introduction to Engineering Disciplines II (0.0 credit)</div>							
<div>ECOR 1057 Engineering Profession (0.0 credit)</div>				<div>3rd ECOR 3800 Engineering Economics</div>		<div>4th ECOR 4995 Professional Practice (note d)</div>		
						<div>ECOR 2995 Engineering Portfolio (note e) (0.0 credit)</div>		
<div>*Arrow Legend</div> <div>————&gt; Required prerequisite</div> <div>-----&gt; Concurrent prerequisite</div>		<div>Kindly note: this program map has been designed to ease course planning and registration for engineering students; information is accurate at the time this document is produced. Prerequisites, course titles, course offerings, and course schedule patterns are based on the academic year in which this map was prepared and are subject to change. Please contact <a href="mailto:EngAcadSupport@carleton.ca">EngAcadSupport@carleton.ca</a> for inquiries regarding this program map.</div>						<div>**Please run your <a href="#">audit</a> after making any registration changes to verify they have been applied successfully</div>