

What types of engineering did you study?	What were the main focus of study in your undergrad program	What are the most likely employment avenues (industry and roles) from your discipline of engineering	What industry are you in now?	Is there a high demand for engineers in your industry?	What is the average entry-level salary for an EIT (engineer-in-training) or engineer entry level job in your industry?
				1 = can't find a job 10 = too many choices	
Chemical	Chemical processes, heat and mass transfer, process units, distillation	Oil and gas, environmental work, food, pharmaceuticals, manufacturing	Last one was oil and gas	8	around 70k I think
Chemical	Process engineering - a lot of unit operations. Chemistry was not as big of a part of the program as you would have expected. There were 2 Organic Chem courses and 1 inorganic chem course beyond the general chem that all engineers took. Lots of calculus!	Chem eng allows for a lot of broad career experiences afterwards. You can go in to manufacturing (process control), consulting, business development, further studies like Masters. I focused on the food industry after my undergrad, and there are lots of opportunities for chem eng grads with the Consumer Packaged Goods (CPG) industry. I looked for less-engineering related jobs that were closer to Food Science, but there were definitely roles within Research & Development that were looking specifically for engineering backgrounds.	Project Management in the food industry	7	\$50-60,000 per year
Chemical Engineering, mostly	** Fundamentals of chemistry -- enough to talk intelligently to a chemist, not enough to be one ** Physical chemistry, Thermodynamics, and Kinetics -- to understand the speed and extent of chemical reactions ** Process design -- fundamentals of common process units such as mixers, heat exchangers, compressors, pumps, etc. ** Hands on lab work	Oil and gas	Automotive	3	\$55000 - \$65000

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Computer	In one word, the focus was on computers. The core courses end up teaching you everything related to computers from hardware to software. We learned about circuits, computer architecture (how a chip is designed), networks, security, software development, operating systems, compilers, etc. Basically you learn how computers came to be and the work that goes into creating one.	Software development Hardware design Project management	Tech	9	80000
comp	Computers, math, programming	Programming, system design, consulting	nuclear	7	65k

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Electrical	Circuits, controls, biomechanics, physiology	Power industry (ie Hydro One), programming, controls (manufacturing and design).  If we're talking about my PhD ... policy making, device design, signal processing, pattern recognition.	Biomedical (School)	7	81000
Electrical Engineering	circuits, programming in C, Java, calculus, linear systems, probability, communications, power	telecommunication, power, software, hardware design	communications	6	60000
Electrical	Circuit, controls, power systems,	Electric power companies (e.g. Hydro one)  Computer hardware companies (e.g. AMD)  Software companies.	Computer software	6	60000 a year

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Mechanical	4th year electives: Heat Transfer 2 Aerodynamics Computational Fluid Dynamics Numerical Control of Machines	Aerospace engineer (likely need masters) mechanical engineer/designer (generic for many industries) Automotive engineering (parts and product designers) FEA Analyst - consultant that uses calculations and numerical software to determine the viability/strength of product/designs HVAC Consultant (designing building mechanical systems, i.e. ventilation, heating, air conditioning)	automotive	7	50,000 to 55,000
Mechanical	Physics (including statics and dynamics) Lots of math (read calculus), fluids, thermodynamics/heat transfer, material science.	I didn't work a day in engineering after I graduated	Entertainment	8	55000 as of 2009
Mechanical	Upper year focus on materials, welding & joining.	Industry (Automotive, Oil & Gas, Pulp & Paper, etc.), Consulting	Oil & Gas	8	\$65-70,000 (I'm guessing)
Mechanical	mechanics and dynamics, thermodynamics, heat transfer, material science, fluids, and tons of math up to partial differential equations	energy, automotive, aerospace, HVAC, materials development and research	Oil and Gas	10	75000
Mechanical	Fluid dynamics, thermodynamics, mechanics, dynamics, material science, electricity and circuits, heat transfer	Project Management, data analysis, design, testing and QA	Aerospace	6	52000

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Mechanical, Biomedical	<p>Mechanical: Solid mechanics, Structures, Materials Engineering, Thermodynamics, Dynamics/Kinematics, Fluid mechanics</p> <p>Biomedical: Electronics, Physiology and biosignals, Mathematics (Fourier series and transformations), Fluid mechanics, touched a bit on Photonics and Biomechanics</p>	<p>Mechanical: Don't know.</p> <p>Biomedical:</p> <ul style="list-style-type: none"> <li>- Research (clinical therapeutic technologies; usually for a hospital or university, will usually need a Master's degree for this)</li> <li>- Medical Device Design (usually for smaller start-ups, very few large medical manufacturers do R&amp;D in Canada)</li> <li>- Field Service (maintenance, troubleshooting, repair of medical devices)</li> <li>- Technical Sales (probably the easiest place to find a job)</li> <li>- Equipment Planning (can be with hospitals, construction companies or as a consultant; plan medical equipment plus supporting equipment/infrastructure required for a clinical area such as the utilities required, electromagnetic shielding required, architectural issues, networks, raceways for cabling, emergency power supplies, etc.)</li> </ul>	Healthcare	5	50,000, I think
Mechanical and Industrial	Management Science and general mechanical.	Consulting.	Healthcare	8	55-70k

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Mechatronics & Mechanical	I started in the Mechatronics stream which was supposed to be a mix between software, mechanical, and electrical. I found it was very heavily focused on software, to the point where it started to turn me off and thus I switched to Mechanical. The core focus was around structural mechanics, dynamics, and thermodynamics. I also specialized in manufacturing - finite element analysis, vibrations, manufacturing techniques, etc.	Manufacturing - Auto, plastic, injection molding, steel etc. Most likely roles in design work for machinery, failure analysis, stress analysis etc. Plant engineering for break-downs, repairs, capital spending. Lean manufacturing roles for waste reduction through value engineering and work processes. Some automation roles, vision system set-ups, PLC's etc. Oil and Gas / Chemical - Refinery, blending, etc. Similar roles as above but more working with fluid dynamics / thermodynamics, piping stresses, reliability.	Oil and Gas	8	\$75,000
Mechatronics	mechanical, electrical, computer MEMS, control systems, robots, sensors	Control Systems Engineer, R&D robotics, Project Manager, and most roles that computer/electrical/mechanical engineers would be privy to as well	Financial Services	2	90,000 at Microsoft