

## Electrical Engineering

Geneva's Electrical Engineering program educates students in the elements of electrical systems and products. Students leave the program equipped with skills and knowledge to effectively design and develop quality electrical products. This program encourages students to use the skills that they learn to improve the state of the world and to design ethically. The program also includes opportunities to engage with local industries for sponsored design projects. Upon the completion of this program, students will be ready to begin a successful and meaningful career in engineering.



scan to learn more



## **Electrical Engineering**

Example 4-Year Plan\*

YEAR 1 YEAR 2 YEAR 3 YEAR 4 Core **EGR 100 EGR 481** Major Senior Design Calling and Elective Vocation Project **EGR 212 ELE/EGR Elective** Linear Circuit Analysis I **EGR PHY Elective** 101/102 **CPE 303** Intro to Engineering Microprocessor **MAT 261** Systems FALL SEMESTER **CHM 111 MAT 265** General College Probability and Statistics Chemistry **ELE 305 PHY 201** Feild & Waves College Physics **MAT 161 BIB 300** ELE 309 Electr Dev & **Biblical Worldview ECO 270** Principles of Circuits I Microeconomics **ENG 101 HUM 303** English Perspectives Composition **HUM 203 HUM 103** Making the West Invitation to Humanities **BIB 112 POL 352** Old Testament Great Issues in Introduction **Politics EGR 211** Society Solid Mechanics Group B or C **BIB 113 EGR 316 New Testament Process Control EGR 330** Introduction **EGR 225** Thermal Fluid Science Signals and Systems SEMESTER **EGR 401 PED 103** Christian Ethics and **Physical Fitness CPE 304** Engg Advanced Digital **CSC 101** Logic Programming **EGR 482** Reason and Senior Design SPRING **Rhetoric Option ELE 222** Project **MAT 405** Linear Circuit Analysis II Differential CPE 220 Digital Systems **ELE/EGR Elective ELE/EGR Elective PHY 202** College Physics II **EGR** 101/102 Elective Intro to Engineering Elective

\*Courses listed are examples and subject to change. Your class schedule will be developed with an advisor and may differ from what is listed above.

MAT 162 Calculus II GENEVA COLLEGE

**OFFICE OF ADMISSIONS** 

3200 College Avenue Beaver Falls, PA 15010 800.847.8255

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