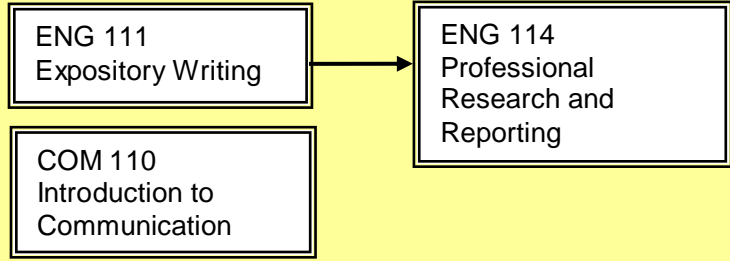
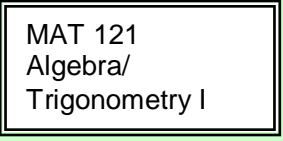


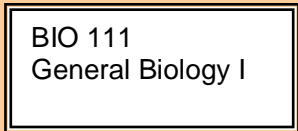
**Communications Courses**



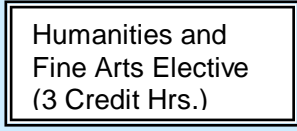
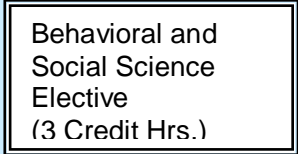
**Mathematics Courses**



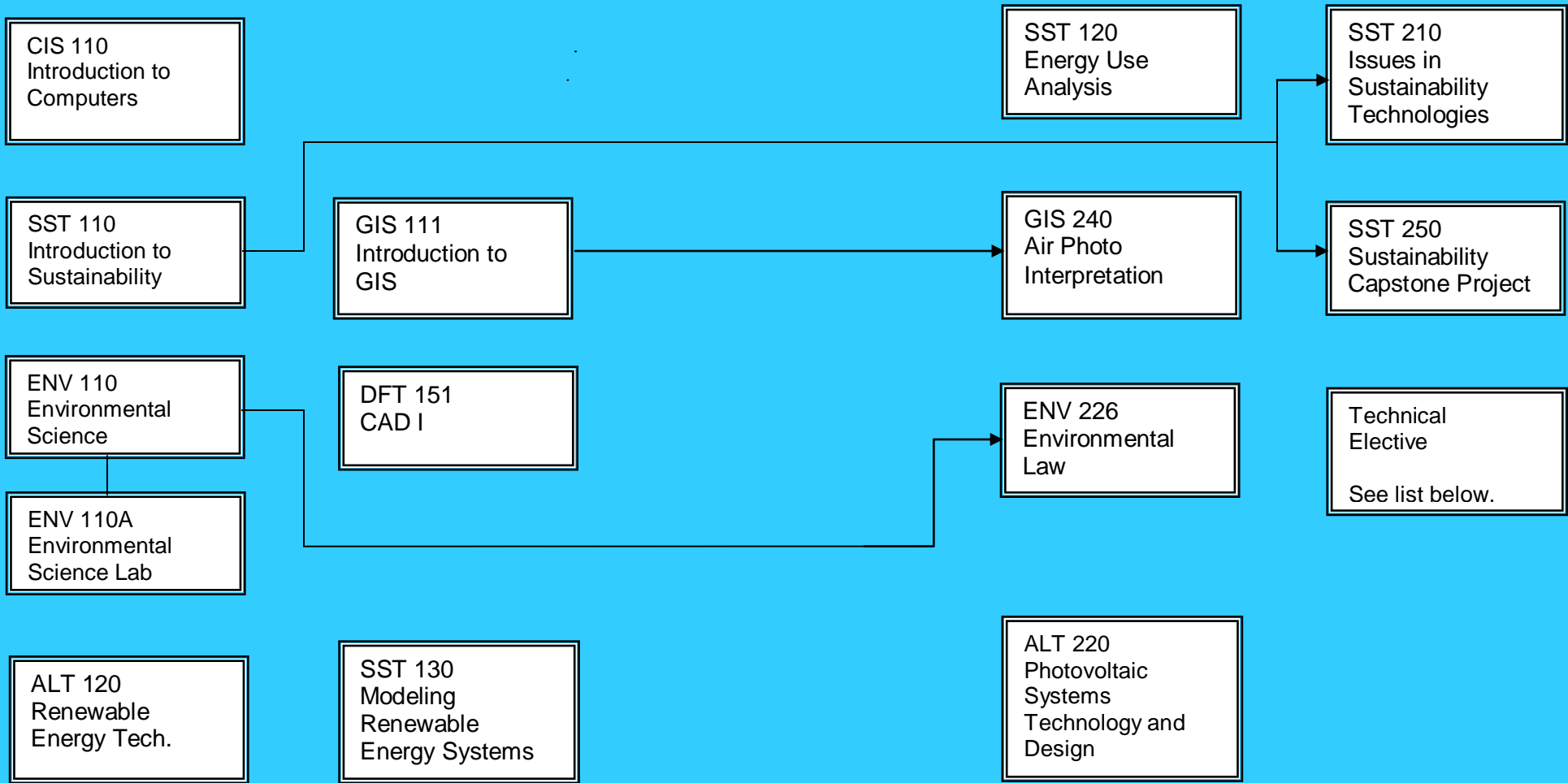
**Physical & Natural Sciences**



**Social Sciences & Humanities**



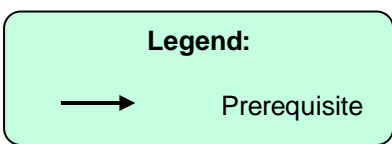
**Technical Content**



- Technical Electives**
- AHR 111 HVACR Electricity
  - AHR 112 Heating Technology
  - AHR 113 Comfort Cooling
  - ALT 110 Biofuels I
  - ALT 220 Photovoltaic Systems
  - ALT 221 Adv Photovoltaic Systems
  - ALT 240 Wind & Hydro Power Systems
  - ALT 250 Thermal Systems
  - ARC 111 Intro to Arch Technology
  - ARC 112 Construction Materials & Methods
  - ARC 210 Intro to Sustain Design
  - ARC 230 Environmental Systems
  - BIO 110 Principles of Biology
  - BIO 140 Environmental Biology
  - BIO 140A Environmental Biology Lab
  - BPR 130 Blueprint Reading/Construction
  - BUS 139 Entrepreneurship
  - BUS 230 Small Business Management
  - CAR 110 Introduction to Carpentry
  - CAR 114 Residential Bldg Codes
  - CHM 131 Introduction to Chemistry
  - CHM 131A Introduction to Chemistry Lab
  - CHM 132 Organic and Biochemistry
  - CIV 110 Statics/Strength of Mater
  - CIV 111 Soils and Foundations
  - CIV 210 Engineering Materials
  - CIV 212 Environmental Planning
  - CIV 230 Construction Estimating
  - CMT 214 Planning and Scheduling
  - CMT 216 Cost and Productivity
  - COE 112 Co-op Work Experience I
  - COE 122 Co-op Work Experience II

**Sustainability Technologies Alternative Energy**

**CURRICULUM (Effective Fall 2009) (A40370)**



- Technical Electives**
- DBA 110 Database Concepts
  - EGR 120 Engineering and Design Graphics
  - ELC 112 DC/AC Electricity
  - ELC 113 Basic Wiring I
  - ELC 118 National Electrical Code
  - ENV 120 Earth Science
  - ENV 218 Environmental Health
  - ENV 220 Applied Ecology
  - ENV 224 Land Resource Management
  - ENV 242 Land Quality
  - GEL 120 Physical Geology
  - GEL 230 Environmental Geology
  - GEO 131 Physical Geography I
  - GIS 121 Georeferencing & Mapping
  - ISC 212 Metrology
  - LAR 111 Intro to Landscp Arc Tech
  - LAR 113 Res Landscape Design
  - LAR 120 Sustainable Development
  - MEC 111 Machine Processes I
  - MEC 161 Manufacturing Processes I
  - MEC 180 Engineering Materials
  - MEC 250 Statics and Strength of Materials
  - MEC 265 Fluid Mechanics
  - MEC 267 Thermal Systems
  - MEC 270 Machine Design
  - MEC 275 Engineering Mechanisms
  - PHY 131 Physics-Mechanics
  - PHY 132 Physics-Elec & Magnetism
  - SRV 230 Subdivision Planning
  - SRV 110 Surveying I
  - SRV 111 Surveying II