

**Literacy Committee Weekly Newsletter: (March 16, 2020)**

**Literacy Secretary: Rakhi Poonia**

 **BA, MA, MPA, Course Instructor**

 **Political Science, Rutgers University-**

 **Newark, USA 2004-2008**



**Subject: This fourth literacy committee newsletter is about**

**how to become an engineer in Atlanta, Georgia.**

**The next weekly literacy committee newsletter if going to**

**focus on how to prepare RAJA youth who want to become**

**lawyer in Atlanta, Georgia.**

**I hope this information is useful to RAJA youth and other**

**RAJA members.**

**Goal: To Prepare RAJA youth for high paying, white collar**

**jobs in 2020 and future. How can RAJA youth of diverse**

**backgrounds and career levels learn from, and encourage,**

**one another? How to prepare RAJA youth where they are in**

**a capacity to generate funds and be in a capacity to work in**

**their organization, bank, or business as a team. I say this**

**because research in United States shows that future belongs**

**to those who collaborate. Youth are most important as they**

**are our future.**

**We need to prepare youth for jobs that interest youth**

**because if youth do what they like they are likely to excel in**

**it.**

**Respected seniors, elders, colleagues, ladies, gentlemen,**

**friends, and above all RAJA youth, as new literacy secretary**

**of RAJA I researched on how to become an engineer in 2020**

**and beyond in Atlanta, Georgia, USA, to help RAJA youth**

**for this highly paying job and help them settle down.**

**Getting guidance from respected Mathur sir who told me**

**to help RAJA youth in multiple ways for vocational and**

**professional jobs in present and future. He told me**

**that in 2020-21 focus of RAJA literacy committee will be to**

**prepare RAJA youth for white collar jobs in present and**

**future. Also, to focus on jobs that interest them and to bring**

**out the best in them.**

**My name is Rakhi Poonia. I have taught at a vocational**

**training institute at Jaipur, Rajasthan. I have also taught at**

**Rutgers the State University of New Jersey courses in**

**Political Science 2004-2008, the most diverse University in**

**United States over the past 15 years according to U.S. News**

**and World Reports. I have published seven children’s books**

**in collaboration on amazon.com. So, I took to the job of new**

**literacy secretary of RAJA like a fish to water.**

**I am humbled and honored to be appointed as 2020-21**

**RAJA literacy Secretary.**

**I’d first like to thank my nominators Sunil Mathur sir,**

**Aashu Bhai Sahab, Brij sir, Dinesh Raj sir, Sudhir Agarwal**

**sir, Sankalp Mathur DevDarshan sir, Pravin Soni sir,**

**Praveen Gattani Sir, Ashok sir, Hari Mundhra sir, Dinesh**

**Raj sir, and Anand Rathi sir for giving me the chance to**

**play the vital role of literacy secretary. Since, youth and**

**children are our future.**

**Cutting long story short, today’s newsletter required**

**extensive as well as intensive research and analysis on my**

**part.**

**I researched on**

[**https://study.com/engineering\_technology\_colleges\_in\_georgia.html**](https://study.com/engineering_technology_colleges_in_georgia.html) **and found the following engineering colleges in Georgia.**

**“Engineering Technology Colleges in Georgia with Degree**

**Overviews (Jul 20, 2019) according to most recent research**

**are:**

**Research engineering technology programs in Georgia,**

**which currently has about 30 colleges offering programs.”**

**“I researched on an overview of degree programs, tuition**

**info and program options for the 9 largest schools and after**

**going through it RAJA youth can decide which program is**

**right for them.”**

**“Essential Information about ten popular engineering**

**colleges in Georgia is:**

**In Georgia, students can find colleges offering associate's**

**and bachelor's programs in engineering technology.**

**Engineering technology associate's programs typically teach**

**students how to apply and develop the designs created by**

**engineers. This type of degree can lead to engineering**

**technician positions, while bachelor's degrees in the field can**

**help students pursue engineering technologist positions.”**

**“Students of these programs may choose areas of**

**specialization and participate in internships that encourage**

**hands-on learning. Senior or capstone projects may also be**

**required. This article describes nine technical colleges and**

**universities that offer associate's and bachelor's degrees in**

**areas such as:**

* **Engineering Technology**

* **Electromechanical Engineering Technology**

**Civil Engineering Technology**

**Computer Engineering Technology**

* **Electrical Engineering Technology”**

**“Albany Technical College**

**Albany Technical College offers three associate's degree**

**programs in engineering technology. Students may choose to**

**pursue a degree in telecommunications, electromechanical**

**or civil engineering technology. All three programs require**

**students to complete a combination of general education and**

**occupational courses. The civil engineering technology**

**program allows students to select a specialization in**

**surveying or a general track. Students can expect to**

**complete courses in pre-calculus, algebra and physics,**

**regardless of the engineering technology program they**

**enroll in.**

**Augusta Technical College**

**Augusta Technical College, located in Augusta, has three**

**associate's degree programs in engineering technology. The**

**electrical and computer engineering technology program**

**offers specializations in computer, electrical or**

**instrumentation and control engineering technology. The**

**school's nuclear engineering technology program is designed**

**to meet the standards set by the Institute of Nuclear Power**

**Operations, and students have an opportunity to gain**

**internship experience at Plant Vogtle. The mechanical**

**engineering technology program features an emphasis in**

**manufacturing and design.”**

**Chattahoochee Technical College**

**“The associate's degree in electrical and computer**

**engineering technology at Chattahoochee Technical College**

**in Marietta offers specializations in biomedical or electronics**

**engineering technology. The occupational courses in the**

**program for both specializations include circuit analysis,**

**digital systems, electronic circuits and networking systems.**

**Students in the biomedical specialization must complete**

**courses in anatomy, physiology, medical equipment function**

**and operation. The electronics engineering technology**

**specialization requires students to complete courses in**

**computer programming and calculus. The program requires**

**from 61-66 credits of coursework and is available at the**

**school's North Metro Campus.”**

**University of North Georgia**

**“University of North Georgia offers an associate's degree**

**programs in engineering technology. This school has**

**transfer agreements with a few schools in the state, allowing**

**students who complete an engineering technology program**

**to continue their studies at the bachelor's level. Courses in**

**this program include calculus, introduction to engineering**

**and physics. The program also includes a set of elective**

**courses that students can choose from.”**

**Georgia Piedmont Technical College**

**“Students may pursue an associate's degree in electrical and**

**computer engineering technology at Georgia Piedmont**

**Technical College in Clarkston. This degree program**

**requires students to complete 65 credits and includes courses**

**like circuit analysis, networking systems, digital systems,**

**electronic circuits and computer programming. Students**

**may select a specialization in computer engineering**

**technology or electronics engineering technology.”**

**Savannah State University**

**“Savannah State University has bachelor's degree programs**

**in civil engineering technology and electronics engineering**

**technology. The civil engineering technology program**

**requires students to complete 132 credit hours, which**

**includes courses in highway and transportation engineering,**

**surveying, civil engineering materials, fluid mechanics and**

**construction estimating. The electronics engineering**

**technology degree program requires 136 credit hours and**

**covers electrical circuits, statics, digital systems,**

**microcontrollers and computer electronics.”**

**Savannah Technical College**

**“The associate's degree in electronics and computer**

**engineering technology at Savannah Technical College offers**

**students specializations in electronics engineering**

**technology, computer engineering technology or**

**instrumentation and control engineering technology. The**

**program requires students to complete a minimum of 61**

**credit hours and includes courses in circuit analysis,**

**engineering technology and computer programming. Each**

**specialization requires a capstone project as well.”**

**Kennesaw State University**

**“Kennesaw State University has bachelor's degrees in civil,**

**computer, electrical, mechanical and industrial engineering**

**technology. Students in the civil engineering technology**

**program may complete courses in specialized areas of the**

**field, such as environmental, structural, geotechnical and**

**transportation engineering technology.”**

**West Georgia Technical College**

**“West Georgia Technical College, located in Waco, offers an**

**associate's degree in engineering technology that requires**

**students to complete a minimum of 67 credit hours. The**

**program includes courses in engineering graphics,**

**engineering technology and technical communications.**

**Students may select a specialization in mechanical, industrial**

**or electrical engineering technology. Graduates should be**

**prepared to pursue entry-level employment as engineering**

**technicians or continue their studies at the bachelor's level**

**through an articulation agreement that West Georgia**

**Technical College has with Southern Polytechnic State**

**University.”**

**“School Comparison: At a Glance**

|  |  |  |  |
| --- | --- | --- | --- |
| **School Name**  | **School Type and Setting**  | **Engineering Technology Degree Programs Offered**  | **Undergraduate Tuition and Fees (2018-2019)** |
| **Albany Technical College**  | **Two-year, public; small city**  | **Associate of Applied Science in Telecommunications Engineering Technology,Associate of Applied Science in Electromechanical Engineering Technology,Associate of Applied Science in Civil Engineering Technology**  | **$2,712 in-state; $4,848 out-of-state\*** |
| **Augusta Technical College**  | **Two-year, public; midsize city**  | **Associate of Applied Science in Electrical and Computer Engineering Technology,Associate of Applied Science in Mechanical Engineering Technology,Associate of Applied Science in Nuclear Engineering Technology** | **$2,794 in-state; $4,930 out-of-state\*** |
| **Chattahoochee Technical College**  | **Two-year, public; large suburb**  | **Associate of Applied Science in Electrical/Computer Engineering Technology**  | **$2,816 in-state; $4,952 out-of-state\*** |
| **University of North Georgia**  | **Four-year, public; fringe town**  | **Associate of Science in Engineering Technology,**  | **$4,692 in-state; $13,514 out-of-state\*** |
| **Georgia Piedmont Technical College**  | **Two-year, public; large suburb**  | **Associate of Applied Science in Electrical and Computer Engineering Technology**  | **$2,924 in-state; $5,060 out-of-state\*** |
| **Savannah State University**  | **Four-year, public; midsize city**  | **Bachelor of Science in Civil Engineering Technology,Bachelor of Science in Electronics Engineering Technology**  | **$5,743 in-state; $16,204 out-of-state\*** |
| **Savannah Technical College**  | **Two-year, public; midsize city**  | **Associate of Applied Science in Electronics and Computer Engineering Technology**  | **$2,744 in-state; $4,880 out-of-state\*** |
| **Kennesaw State University**  | **Four-year, public; small city**  | **Bachelor of Science in Civil Engineering Technology,Bachelor of Science in Computer Engineering Technology,Bachelor of Science in Electrical Engineering Technology,Bachelor of Science in Industrial Engineering Technology**  | **$6,347 in-state; $17,329 out-of-state\*** |
| **West Georgia Technical College**  | **Two-year, public; fringe rural**  | **Associate of Applied Science in Engineering Technology**  | **$2,838 in-state; $4,974 out-of-state\*** |

***Source: \*National Center for Education Statistics.”***

**“Salary of Engineers in Georgia.**

**How much does an Engineer make in Atlanta, GA?**

**Average base salary**

**“131 salaries reported, updated at Feb 27, 2020**

**$91,044 per year**

**The average salary for an engineer is $91,044 per year in**

**Atlanta, GA.**

**14% higher than national average**

**Most common benefits**

**Tuition reimbursement**

**Stock ownership plan**

**Health insurance**

**401(k)**

**Disability insurance**

**Top companies for Engineers in Atlanta, GA**

**Fannie Mae**

**4.0**

**1245 reviews 15 salaries reported**

**$131,259**

**per year**

**TAAL Technologies**

**3.4**

**9 reviews5 salaries reported**

**$120,810**

**per year**

**Qualcomm**

**4.1**

**1492 reviews5 salaries reported**

**$117,264**

**per year**

**AECOM**

**3.7**

**4313 reviews6 salaries reported**

**$116,537**

**per year**

**Tesla**

**3.5**

**2718 reviews9 salaries reported**

**$114,190**

**per year**

**Show more companies**

**Highest paying cities near Atlanta, GA for Engineers**

**1**

**Augusta, GA**

**10 salaries reported**

**$114,862**

**per year**

**2**

**Alpharetta, GA**

**11 salaries reported**

**$93,378**

**per year**

**3**

**Atlanta, GA**

**131 salaries reported**

**$91,044**

**per year**

**4**

**Marietta, GA**

**29 salaries reported**

**$88,567**

**per year**

**5**

**Peachtree City, GA**

**20 salaries reported**

**$79,916**

**per year**

**6**

**Lawrenceville, GA**

**5 salaries reported**

**$77,820**

**per year**

**7**

**Savannah, GA**

**7 salaries reported**

**$77,703**

**per year**

**8**

**Kennesaw, GA**

**8 salaries reported**

**$77,610**

**per year**

**Compare the salaries in different states with Georgia**

**+30% and above**

**+20%**

**+10%**

**Same**

**-10%**

**-20%**

**-30%**

**Base**

**Selected**

**Where can an Engineer earn more?**

**Compare salaries for Engineers in different locations**

**location**

**vs**

**location**

**Explore Engineer openings**

**Compare**

**Best-paid skills and qualifications for Engineers**

**Most recommended skill**

**Cisco ISE**

**earn +40.49% more**

**The jobs requiring this have by since. with this earn**

**+40.49% more than the average base salary, which is.**

**2018**

**2019**

**Job Trend**

**Top companies hiring engineers with the recommended skill**

**View more companies for engineers**

**Top specialties**

**Telemetry**

**+31.57%salary**

**Top certifications**

**CCIE**

**+32.77%salary**

**Top fields of study**

**Computer Science Degree**

**+30.79%salary**

**More critical skills and qualifications that pay well**

**Salaries by qualifications**

**Skill categories**

**Top Skills**

**Salary**

**Job openings**

**Companies**

**Encryption**

**+34.85%**

**152 jobs**

**248**

**AWS**

**+35.15%**

**563 jobs**

**919**

**Deep Learning**

**+54.78%**

**34 jobs**

**53**

**CI/CD**

**+34.80%**

**246 jobs**

**398**

**Cloud Infrastructure**

**+35.49%**

**167 jobs**

**206**

**Salaries for more skills**

**Most common benefits for Engineers**

**Tuition reimbursement**

**Stock ownership plan**

**Health insurance**

**401(k)**

**Disability insurance**

**Vision insurance**

**Relocation assistance**

**Paid time off**

**Dental insurance**

**Commuter assistance**

**Retirement plan**

**Parental leave**

**Salary satisfaction**

**62%**

**Based on 8,890 ratings**

**62% of Engineers in the United States think their salaries**

**are enough for the cost of living in their area**

**How much do similar professions get paid in Atlanta, GA?**

**Project Engineer**

**3976 openings**

**Average salary**

**Atlanta, GA**

**$84,870**

**per year**

**View salaries**

**Job openings**

**System Engineer**

**3487 openings**

**Average salary**

**Atlanta, GA**

**$100,048**

**per year**

**View salaries**

**Job openings**

**Software Engineer**

**1425 openings**

**Average salary**

**Atlanta, GA**

**$106,534**

**per year**

**View salaries**

**Job openings**

**Mechanical Engineer**

**295 openings**

**Average salary**

**Atlanta, GA**

**$86,687**

**per year**

**View salaries**

**Job openings**

**Electrical Engineer**

**345 openings**

**Average salary**

**Atlanta, GA**

**$88,726**

**per year**

**View salaries**

**Job openings**

**Design Engineer**

**3341 openings**

**Average salary**

**Atlanta, GA**

**$76,241**

**per year**

**View salaries**

**Job openings.”**

**Respected seniors, friends, colleagues, and most importantly**

**RAJA youth on the next page find information about what is**

**COVID 19 and what should we do to stay healthy and never**

**get infected by it? I retrieved this information from World**

**Health Organization.**

