

## REGENTS' ENGINEERING PATHWAY PROGRAM

### **Introduction**

The Regents' Engineering Pathway (RTP) program was established in 1986 to expand the availability of engineering education opportunities for Georgians. The RTP program is a cooperative program between [Engineering Program] and participating RTP Partner institutions within the University System of Georgia. Albany State University is one of the RTP institutions in Georgia.

Under this program, students complete two or more years to take all of the mathematics and science and several engineering courses as required by ASU and then transfer to Georgia Institute of Technology, Georgia Southern University, Kennesaw State University, Mercer University or the University of Georgia to complete a B.S. degree in Engineering.

### **Mission Statement**

To encourage and accommodate students who desire to study engineering, but who for various reasons may prefer to attend another college before coming to an RTP Engineering institution, this program offers the opportunity to transfer to an RTP Engineering institution through the Regents' Engineering Pathway. RTP students enjoy many of the advantages of [engineering program] students: they have equal access to engineering majors at [engineering program], they can participate in the co-op program, and they are invited to the RTP Engineering institution campus once a year for campus tours, information sessions, and meetings with advisors in their engineering majors.

To know more about ASU RTP program, please contact

Dr. Arun K. Saha  
Professor  
Dept. of Mathematics, Computer Science & Physics  
RTP Program Coordinator  
Albany State University  
Albany, GA 31705  
Tel: 229.500.2314  
Email – [arun.saha@asurams.edu](mailto:arun.saha@asurams.edu)

The course checklist for this RTP program is provided below.



The Department of Mathematics, Computer Science and Physics  
 Requirements for AS in core curriculum with pathway to Engineering

Name: _____	Email: : _____
Address: : _____	RAM ID: _____
City/State/Zip: : _____	Expected Transfer Date: _____
Cell Telephone: : _____	Advisor: _____

\*required course

AREA A1: COMMUNICATION SKILLS (6 HRS)		SEMESTER PLANNED	SEMESTER TAKEN	GRADE	HRS
ENGL 1101	English Composition I				3
ENGL 1102	English Composition II				3
AREA A2: QUANTITATIVE SKILLS (3 HRS)					
MATH 1211	Calculus I				4
AREA B: INSTITUTIONAL OPTIONS (5 HRS)					
SELECT ONE					
COMM 1000	Cultural Diversity in Communication				2
HIST 1002	Intro to African Diaspora				2
POLS 1105	Current World Problems				2
SELECT ONE					
COMM 1100	Human Communication				3
COMM 1110	Public Speaking				3
AREA C: HUMANTITIES/FINE ARTS/ETHICS (6 HRS)					
SELECT ONE					
ENGL 2111	World Literature I or				3
ENGL 211H	World Literature I Honors				3
ENGL2112	World Literature II or				3
ENGL 2112H	World Literature II Honors				3
ENGL2121	British Literature I				3
ENGL2122	British Literature II				3
ENGL2131	American Literature I				3
ENGL2132	American Literature II				3
ENGL 2141	African American Literature I				3
ENGL 2142	African American Literature II				3
SELECT ONE					
ARTS 1100	Art Appreciation				3
FREN 1001	Elementary French I				3
FREN 1002	Elementary French II				3
FREN 2001	Intermediate French I				3
FREN 2002	Intermediate French II				3
LATN 1001	Elementary Latin I				3
LATN 1002	Elementary Latin II				3
LATN 2001	Intermediate Latin I				3
LATN 2002	Intermediate Latin II				3
MUSC 1100	Music Appreciation				3
JAPN 1001	Elementary Japanese I				3
JAPN 1002	Elementary Japanese II				3
JAPN 2001	Intermediate Japanese I				3
JAPN 2002	Intermediate Japanese II				3
SPAN 1001	Elementary Spanish I				3
SPAN 1002	Elementary Spanish II				3
SPAN 2001	Intermediate Spanish I				3
SPAN 2002	Intermediate Spanish II				3
THEA 1100	Theatre Appreciation				3

<b>AREA D: SCIENCE, MATH &amp; TECHNOLOGY (11 HRS)</b>				
PHYS 2221K	Principles of Physics I			4
PHYS 2222K	Principles of Physics II			4
MATH 2212	Calculus II			4
<b>AREA E: SOCIAL SCIENCES (12 HRS)</b>				
POLS 1101	American Government*			3
<b>SELECT ONE</b>				
HIST 1111	Survey of World History I			3
HIST 1112	Survey of World History II			3
HIST 2111	Survey of U.S History I			3
HIST 2112	Survey of U.S History II			3
<b>SELECT TWO</b>				
ANTH 1102	Introduction to Anthropology			3
ECON 2105	Principles of Macroeconomics			3
GEOG 1101	Introduction to Human Geography			3
HIST 2113	Minorities in America			3
POLS 2101	Introduction to Political Science			3
PSYC 1101	General Psychology			3
SOCI 1101	Introduction to Sociology			3
<b>ABOVE THE CORE (3 HRS)</b>				
ASU 1101	First Year Experience			1
HEDP,HLTH	Health & Wellness Requirement *			2
PEDH,PHED	Health & Wellness Requirement *			2
	*May be fulfilled by taking one two (2) credit hour course OR two one (1) credit hour course			
<b>AREA F: COURSES RELATED TO MAJOR (18 HRS)</b>				
CHEM 1211K	Principles of Chemistry I			4
<b>SELECT ONE-Note: Biomedical Engineering Majors MUST take BIOL 2107K.</b>				
CHEM 1212K	Principles of Chemistry II			4
BIOL 2107K	Principles of Biology			4
MATH 2213	Calculus III			4
	1 Credit Transfer from Area D			1
<b>SELECT THREE</b>				
ENGR 1103	Prin. Of Engineering Analysis & Design			3
ENGR 1200	Engineering Computing			3
ENGR 1203	Engineering Graphics			3
ENGR 2201	Engineering Statics			3
ENGR 2431	Circuit Analysis			3
	Total Hours Required		64	