



**South Seattle College**  
**Computer and Electrical Engineering AS-T/MRP**  
**Program Plan Code: EECCEAS**

- Completion of all credits with a minimum cumulative GPA of 2.0 is required. (Note: GPA only includes courses taken at South)
- At least 15 credits must be earned at South Seattle College.

- Students should apply for the degree one quarter prior to the anticipated graduation date.
- Completion of the degree does not guarantee admission to a university, or admission into a major program.

<b>Basic Requirements</b>		<b>30 credits</b>	
English Composition – 5 credits		<input type="checkbox"/> ENGL& 101	5
Mathematics – 25 credits		<input type="checkbox"/> MATH& 151	5
		<input type="checkbox"/> MATH& 152	5
		<input type="checkbox"/> MATH& 163	5
		<input type="checkbox"/> MATH 220	5
		<input type="checkbox"/> MATH 238	5
<b>Distribution Requirements</b>		<b>15 credits</b>	
<b>Visual, Literary and Performing Arts (VLPA) &amp; Individuals, Cultures and Societies (IC&amp;S)</b>		<input type="checkbox"/> VLPA:	5
15 combined credits in VLPA -AND- IC&S Minimum 5 credits in each area		<input type="checkbox"/> IC&S:	5
		<input type="checkbox"/>	5
<b>Physics &amp; Chemistry Requirements</b>		<b>21 credits</b>	
<b>Physics – 15 credits</b>		<input type="checkbox"/> PHYS& 221	5
PHYS& 221 prerequisite: MATH& 151 with 2.0 or higher. PHYS& 222 prerequisite: MATH& 152 and PHYS&221 with 2.0 or higher.		<input type="checkbox"/> PHYS& 222	5
		<input type="checkbox"/> PHYS& 223	5
		<input type="checkbox"/> CHEM&161	6
<b>Engineering Core</b>		<b>10 credits</b>	
CSC 142 prerequisite: Completion of MATH& 141 and CSC 110 with 2.0 or higher ENGR& 204 prerequisite: Completion of PHYS& 222 and MATH& 152 with 2.0 or higher		<input type="checkbox"/> CSC 142	5
		<input type="checkbox"/> ENGR& 204	5
<b>Engineering Electives</b>		<b>25-26 credits</b>	
Select a minimum of 5 courses in consultation with an advisor. Electives should be chosen to prepare for your intended major and your intended transfer institution(s).		<input type="checkbox"/>	
Any course from the list below may be used as an elective.		<input type="checkbox"/>	
ENGR& 214 (5), 215(5), 224 (5) BIOL& 211 (5) CHEM& 162 (6)		<input type="checkbox"/> CSC 143 (5)	
		<input type="checkbox"/> ENGL& 235 (5)	
		<input type="checkbox"/> MATH 224 (5)	
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<b>Total credits: 101-102</b>	
<ul style="list-style-type: none"><li>• Computer and Electrical Engineering programs are competitive and may require a higher GPA than 2.0 overall. Minimum GPA requirements are established by each participating institution. Meeting the minimum GPA does not guarantee admission.</li><li>• Admission deadlines for transfer institutions vary, and students are required to meet the transfer admission deadline.</li><li>• Students are strongly encouraged to enroll in math and science sequence courses at a single institution and, if possible, not break up sequenced courses between institutions.</li><li>• Certain institutions may have additional “institution-specific” requirements for admission to the institution that are not prerequisites specifically identified in the Computer and Electrical Engineering AS-T/MRP requirements.</li></ul>		Create an Education Plan with your advisor to plan out your courses for this degree and transfer university requirements.  For more information, please visit: <a href="http://www.southseattle.edu/advising">www.southseattle.edu/advising</a>	



## Areas of Knowledge Distribution Requirements for AA-DTA, AB, AS-T

For the most current course offerings that satisfy Areas of Knowledge Distribution Requirements, consult the class schedule and filter by Course Attribute/Course Attribute Value: [southseattle.edu/class-schedule](http://southseattle.edu/class-schedule). Course offerings for each area of knowledge may differ at other colleges and may be transferred to satisfy requirements at South Seattle College.

<b>Visual, Literary &amp; Performing Arts (VLPA)</b>	Subjects include: <b>ART, CMST, DRMA, ENGL, HUM, MUSC, SPAN</b>  Maximum 10 credits per subject.  No more than 5 credits of world language may be used in this category.  No more than 5 credits of a studio/performance maybe us used in this category. <b>ART 101, 111,112, 113, 201, 202, 203, 210, 214, 215, 220, 221, 222, 223, 224, DRMA 120, MUSC 126, 127, 128,140, 167, and all individual instruction MUSC courses.</b>
<b>Individuals, Cultures &amp; Societies (IC&amp;S)</b>	Subjects include: <b>AME, ANTH, ART*, CMST*, ECON, ENVS, GEOG, HIST, HUM*, INFO*, PHIL, POLS, PSYC, SOC, WMN</b> <i>subjects with asterisk* indicate that NOT ALL courses in that subject will satisfy this requirement.</i>  Maximum 10 credits per subject.
<b>Natural World (NW)</b>	Subjects include: <b>ASTR, BIOL, CHEM, ENVS, GEOL, HEA, NUTR, PHYS</b>  Maximum 10 credits per subject.  Minimum 5 credits must be in lab science.
<b>Restricted Natural World (NW)</b>	Maximum 5 credits from the following subjects:  <b>CSC, ENGR, PSCY 222, MATH</b> numbered 102 and above (professional/technical math courses not allowed).
<b>ELECTIVES</b>	All College Transfer courses numbered 100 or above may be used as electives. Courses titled "Independent Study, Seminar, Special Problems and Special Topics" may be used as Electives only.  Maximum of 3 credits <b>PEC</b> .  Maximum 15 credits of restricted electives, which include <b>HDC, INFO, STEM</b> , and all professional-technical courses numbered 100 or above.

## Special Requirements (AA and AB only)

Within the 90 credits required for the AA and AB degrees, students must complete special requirements, which overlap across multiple distribution areas. Check the online class schedule for current offerings.

<b>US Cultures</b>	<b>AME 110, 201, 202, 203, ANTH 272, CMST 205, 260, DRMA 125, ENGL &amp;245, &amp;246, 231, 258, 260, GEOG 272, 277, HIST &amp;146, &amp;147, &amp;148, &amp;214, 140, HUM 105, 151, 201, 210, MUSC 116, 117, 160, 161, PHIL 111, POLS &amp;202, 210, 249, 264, PSYC 245, SOC &amp;101, 245, 249, WMN 200</b>
<b>Communication</b>	<b>CMST &amp;101, &amp;210, &amp;220, &amp;230, 155, 205, 245, 260, 275, DRMA 105, DRMA 125, ENGL &amp;237, 119, 151, 152, 293, HUM 105, 119, 130, 151, POLS &amp;201, PSYC &amp;200, 245, SOC 245</b>
<b>Global Studies</b>	<b>ANTH &amp;100, 206, 227, ART 170, BIOL 150, CMST &amp;101, DRMA 105, ECON &amp;202, ENGL &amp;256, 116, 119, 252, 261, 293, ENVS &amp;100 150,160, GEOG &amp;100, HIST &amp;126, HIST &amp;127, 128 170, 211, HUM 107, 119, 120, 126,130, 220, MUSC 109</b>
<b>Integrated Studies</b>	<b>AME 110 201, ANTH &amp;227, ART &amp;100,170, ASTR 125, DRMA 105, 125, ECON &amp;202, ENGL &amp;245, &amp;246, &amp;256, 119, 252, 258, 260, 269, ENVS 150, ENVS 160, HIST &amp;126, &amp;127, &amp;146, &amp;147, &amp;148, &amp;214, 140, 211, 240, HUM 105, 107, 119, 120, 130, 151, 210, MUSC 109, 116, 117, 160, 161, PHIL &amp;101, 111, POLS &amp;202, &amp;203, 210, PSYC 245, WMN 200, 269</b>