

Proposition: 19-20/21

Title: A proposition to return the Aerospace Technology (AERT), Electronics Technology (ELT), and the Automation and Manufacturing Technology (MAT) Programs to the Advanced Technologies (AT) Division at Doña Ana Community College (DACC)

Date Submitted: March 15, 2021

Sponsor(s): Elizabeth Gamboa (DACC)
Martha McCaslin (DACC)
Hillary Masters (DACC)
Tim Chappell (DACC)
Lamaia Vaughn (DACC)

Proposed Committee: University Affairs

Assigned Committee:

Prior Approvals:

Doña Ana Community College (DACC)

- Approved unanimously by DACC Advanced Technologies (AT) Division on October 1, 2020.
- Approved unanimously by DACC Science, Engineering and Math (SEM) Division on November 10, 2020
- Approved unanimously by DACC Faculty Council on November 17, 2020
- Approved unanimously by DACC Administrative Council on March 3, 2021.

Proposal Type (please check one):

- ☐ Memorial
- ☐ Proposition to change policy (please include ARP/RPM reference(s) from <https://arp.nmsu.edu/>)
- ☐ Proposition for curriculum addition/change (please include all curriculum change forms and signature pages as outlined here: <https://provost.nmsu.edu/forms/>)
- ☒ Other (please describe below)

Proposal: The AT Division at DACC is proposing to return the AERT, ELT, and MAT Programs to the AT Division and out of the SEM Division.

Existing AT Division and SEM Division Organizational Charts for the applicable DACC departments:

Advanced Technologies Division	Science, Engineering, and Mathematics Division
Architecture and Construction Technologies (ACT) Department <ul style="list-style-type: none">• Building Construction Technology Program• Drafting and Design Technologies Program• Environmental and Energy Technologies Program	Engineering and Manufacturing (EM) Department <ul style="list-style-type: none">• Aerospace Technology Program• Electronics Technology Program• General Engineering Program• Manufacturing and Automation Technology Program

Proposed AT Division and SEM Division Organizational Charts for the applicable DACC departments:

Advanced Technologies Division	Science, Engineering, and Mathematics Division
Architecture and Construction Technologies Department <ul style="list-style-type: none"> • Building Construction Technology Program • Drafting and Design Technologies Program • Environmental and Energy Technologies Program • Aerospace Technology Program • Electronics Technology Program • Manufacturing and Automation Technology Program 	Engineering and Manufacturing Department <ul style="list-style-type: none"> • General Engineering Program • Science Courses • Math Courses

Rationale:

1. Increase collaboration with related Career and Technical Education (CTE) Programs in AT Division,
2. Combine struggling AERT, ELT, and MAT programs and degree options with the Mechanical Drafting and Solid Modeling Program in the Architecture and Construction Technologies (ACT) Department to increase sustainability and facilitate growth,
3. Create cross-disciplined AAS degrees and Certificates of Completion that will better meet the needs of local employers and provide broader employment opportunities for graduates,
4. Avoid sunseting of struggling AERT, ELT, and MAT programs by putting them in the best position to succeed through the proposed restructuring, and
5. Support fiscal reductions in staff by incorporating SEM Division programs currently without a Department Chair into the existing ACT Department in the AT Division.

Students Enrolled in AERT, ELT, and MAT Courses Data:

AERT Program	2015-16	2016-17	2017-18	2018-19	2019-20	5 Year Average
Majors	14	18	29	25	26	22
Headcount	46	10	19	16	25	23
Majors in Courses	8	6	9	15	13	10

ELT Program	2015-16	2016-17	2017-18	2018-19	2019-20	5 Year Average
Majors	61	51	45	42	34	47
Headcount	112	79	89	61	58	80
Majors in Courses	49	42	30	33	25	36

MAT Program	2015-16	2016-17	2017-18	2018-19	2019-20	5 Year Average
Majors	2	1	2	2	2	2
Headcount	30	18	7	26	36	23
Majors in Courses	1	1	0	1	1	1

Sustainability/Budget

- This proposal will require no new or additional funding.





Background/Campus Input

- This proposal was initiated out of the office of the Division Dean of the AT Division at DACC.
- A draft of the proposal was sent to DACC Administration for initial approval to proceed. Permission to proceed was granted by DACC Administration.
- The proposal was shared with the SEM Division Dean. The SEM Division Dean expressed no concerns and responded with general support for the proposal.
- The AT Division approved the proposal unanimously.
- The proposal was shared with faculty and staff in the AERT, ELT, and MAT Programs. The AERT, ELT and MAT faculty and staff expressed no concerns and responded with general support for the proposal.
- The SEM Division approved the proposal unanimously.
- DACC Faculty Council approved the proposal unanimously.
- DACC Administrative Council approved the proposal unanimously.

Logistics

- Should the proposal be approved, the AT Division Dean will work with the DACC VPAA, applicable DACC offices (including the VP for Business and Finance and the HR Office), the ACT Department Chair, and the applicable faculty and staff to return the AERT, ELT and MAT Programs to the AT Division as part of the ACT Department.
- Should the proposal be approved, the target date for the return of the AERT, ELT and MAT Programs to the AT Division as part of the ACT Department would be the start of the Fall 2021 semester.

Signatures (Proposition: 19-20/21)

Name	Title	Signature	Date
Chipper Moore	AT Division Dean, Interim		3/15/2021
Joe Butler	SEM Division Dean		3-16-2021
Joe Butler	DACC VPAA, Acting		3-16-2021
Dr. Monica Torres	DACC President		3-17-2021
Dr. Julia Parra	NMSU Faculty Senate Chair		
Dr. Joseph Lakey	Associate Dean's Academic Council		
Dr. Dan Arvizu	Chancellor		
Dina Chacón-Reitzel	Board of Regents		